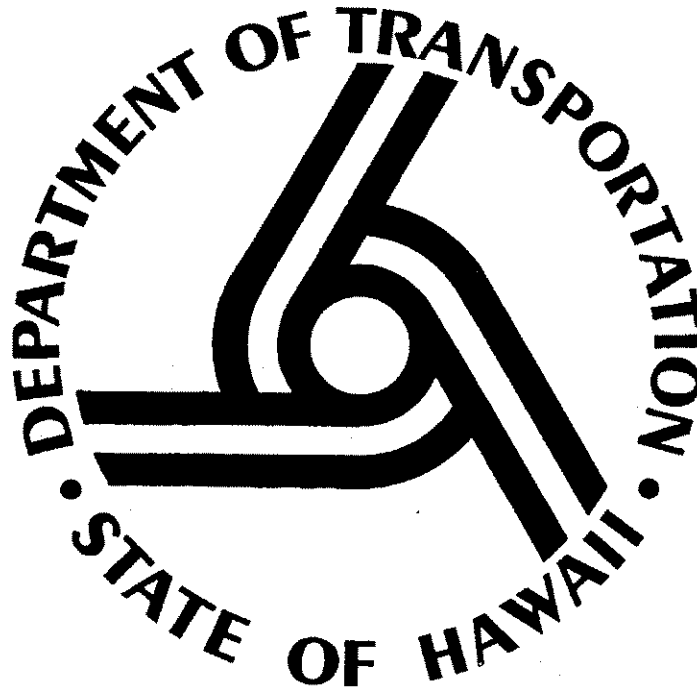


**STATEWIDE  
TRANSPORTATION IMPROVEMENT PROGRAM  
FISCAL YEARS 2006, 2007 AND 2008**



**PREPARED BY**

**STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
PLANNING BRANCH**

**September 2005**

## STATEWIDE TRANSPORTATION PLANNING PROCESS CERTIFICATION

In accordance with 23 CFR 450.220, the State of Hawaii Department of Transportation hereby certifies that its statewide transportation planning process is addressing major issues facing the State and its non-urbanized area, and is being carried out to the best of its ability with the following requirements:

- I. 49 U.S.C. Section 5323(k), 23 U.S.C. 135, and CFR part 450.220;
- II. Title VI of the Civil Rights Act of 1964 and the Title VI Assurance executed by each State under 23 U.S.C. 324 and U.S.C. 794;
- III. Section 1101 of the Transportation Equity Act for the 21<sup>st</sup> Century (Pub. L. 105-178) regarding the involvement of disadvantaged business enterprises in the FHWA and the FTA funded project (Sec. 105(f), Pub. L. 97-424, 96 Stat. 2100, 49 CFR part 23);
- IV. The provision of the Americans With Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and the U.S. DOT implementing regulation; and
- V. The provision of 49 CFR part 20 regarding restrictions on influencing certain activities.
- VI. The provision of 49 CFR part 29, subparts A-E, regarding suspension and debarment of contractors: and
- VII. The provision of 49 CFR part 29, subpart F, regarding a drug-free workplace.

  
\_\_\_\_\_  
RODNEY K. HARAGA  
Director of Transportation

SEP 01 2005

\_\_\_\_\_  
Date

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# **I. Introduction**



## **I. INTRODUCTION**

The Statewide Transportation Improvement Program (STIP) – FYs 2006, 2007 and 2008 identifies and establishes the implementation priority for the State and County projects, statewide, to be funded in part by the Federal Highway Administration (FHWA) and the Federal Transit Authority (FTA) for the program period. The STIP is the document upon which the US Department of Transportation bases its obligation of federal transportation funds for projects in Hawaii.

The STIP identified highway and transit projects totaling approximately \$945 million to be implemented during the three-year program period (including: Oahu ~ \$560 million; Hawaii ~ \$219 million; Maui ~ \$62 million; and Kauai ~ \$65 million). The projects include those eligible for federal funding assistance as well as regionally significant locally funded projects.

The purpose of this report is to document the process used in the development of the Hawaii STIP and to present the STIP FY 2006-2008 list of projects.

The Transportation Improvement Program (TIP), the Oahu element, has been incorporated into the STIP without change (Appendix 1).

## **II. Participating Agencies**

## **II. PARTICIPATING AGENCIES**

The State Department of Transportation (DOT) is responsible for the development of the Statewide Transportation Improvement Program (STIP) for all area of the State. The portion of the STIP covering the metropolitan planning area of Honolulu was developed through the Oahu Metropolitan Planning Organization (OMPO). The Oahu element of the STIP is called the Transportation Improvement Program (TIP). On July 20, 2005, OMPO's Policy Committee endorsed the Oahu TIP.

The Statewide Transportation Advisory Committee (STAC) was used as the coordination committee between the State and the Counties of Honolulu, Hawaii, Maui and Kauai in the development of the STIP. The STAC was established by the Hawaii Legislature to assist and advise the DOT in the development of the Statewide Transportation Plan and other matters pertaining to statewide planning. The STAC consists of the Directors of the DOT, Department of Business, Economic Development and Tourism, the planning directors of each of the four Counties and the transportation directors of each of the four counties, including the director of Maui County's Department of Transportaion. The participating County agencies in the development of the STIP are as follows:

### **State of Hawaii**

- Department of Transportation
- Department of Business, Economic Development and Tourism

### **City and County of Honolulu**

- Department of Transportation Services
- Department of Planning and Permitting

### **County of Hawaii**

- Department of Public Works
- Department of Planning

### **County of Maui**

- Department of Public Works and Environmental Management
- Department of Transportation
- Department of Planning

### **County of Kauai**

- Department of Public Works
- Department of Planning

On July 19, 2005, the STAC endorsed the STIP.

### **III. STIP Development Milestones**

### **III. STIP Development Milestones**

- |                       |  |
|-----------------------|--|
| Mar 3, 2005           | - Call for 06-08 STIP projects   |
| Mar 21, 2005          | - Sub-STAC meeting on 06-08 STIP process   |
| Apr 29, 2005          | - Unconstrained STIP compiled for public review  |
| May 16 - 31, 2005     | - Public meetings (neighbor islands) to share unconstrained STIP <ul style="list-style-type: none"><li>- May 16 – Upcountry, Maui</li><li>- May 17 – Kihei, Maui</li><li>- May 18 – Kahului, Maui</li><li>- May 19 – Lahaina, Maui</li><li>- May 23 – Keaau, Hawaii</li><li>- May 24 – Hilo, Hawaii</li><li>- May 25 – Waimea, Hawaii</li><li>- May 26 – Konawaena, Hawaii</li><li>- May 31 – Lihue, Kauai</li></ul> |
| Jun 14 & 23, 2005     | - Highway Division meetings to evaluate constraint of STIP   |
| Jun 15, 2005          | - OMPO Citizen’s Advisory Committee (CAC) discusses TIP  |
| Jul 8, 2005           | - Draft Constrained STIP transmitted to OMPO and STAC  |
| Jul 15, 2005          | - OMPO Technical Advisory Committee (TAC) recommends approval of constrained TIP for OMPO Policy Committee (PC) consideration.   |
| Jul 19, 2005          | - Statewide Transportation Advisory Committee (STAC) endorses draft constrained STIP.  |
| Jul 20, 2005          | - OMPO PC endorses TIP   |
| Jul 28 – Aug 11, 2005 | - Public meetings (neighbor islands) to share constrained STIP <ul style="list-style-type: none"><li>- Jul 28 – Lihue, Kauai</li><li>- Aug 1 – Keaau, Hawaii</li><li>- Aug 2 – Hilo, Hawaii</li><li>- Aug 3 – Konawaena, Hawaii</li><li>- Aug 4 – Waimea, Hawaii</li><li>- Aug 8 – UpCountry, Maui</li><li>- Aug 9 – Kihei, Maui</li><li>- Aug 10 – Lahaina, Maui</li><li>- Aug 11 – Kahului, Maui</li></ul>         |

|              |  |
|--------------|--|
| Aug 19, 2005 | - Public comment deadline for 06-08 STIP   |
| Sep 1, 2005  | - 06-08 STIP and documentation submitted to Federal Highway Administration and Federal Transit Administration. |
| Sep 30, 2005 | - Anticipated federal action on 06-08 STIP   |

## **IV. Public Involvement**

#### **IV. Public Involvement**

The public involvement process for the Oahu Transportation Improvement Program (TIP) is documented in the TIP report (see Appendix 1).

The formal review of the Draft financially unconstrained STIP started with the posting of the Draft STIP on the DOT website for review and comment on April 29, 2005.

Following the DOT's procedures for Public Involvement Planning (PIP), the public participation program was composed of several elements:

1. Mailing List

The dynamic mailing list that was used was originally composed of neighbor island Citizen's Advisory Committee members. People/groups on this list were mailed a copy of the meeting notices (both rounds, see below) for their island.

This list is constantly being appended and abridged. People who sign the attendance list at past public meetings are added to this list as well as people who request to be placed on it. This mailing list includes email addresses. People who submitted comments through the mail or email are also added. A copy of these lists used for this effort is attached. Local legislators and councilpersons were separately informed of all of our public meetings via email. Copies of the notices are also attached.

2. Press Release and Newspaper Ads

Press releases were sent to local newspapers, radio stations, television stations, as well as local legislators and councilpersons. A copy of the list of media recipients is attached. Also two ads were placed in the following newspapers to publicize each round of public meetings:

Honolulu Star Bulletin  
Hawaii Tribune Herald  
West Hawaii Today  
Maui News  
Garden Island News

Copies of these ads are attached. As a result of the press releases and ads, articles were written in a number of newspapers, statewide. Copies of the articles that were found are also attached.

3. Internet – DOT Website - <http://www.hawaii.gov/dot/stp/stip/index.htm>

Copies of the draft financially unconstrained STIP, constrained STIP, survey and survey results, project descriptions, general location maps and notices of public



meetings to be held on the STIP were posted on the DOT website. Contact information (Planning Branch phone number and fax number and the STIP comment email address) is also posted.

4. Posting the Notice of STIP meetings around the community

A special effort was undertaken to try and inform more of the general public, especially minorities and low-income persons. Hard copy fliers with meeting information were mail throughout the communities. Libraries, civic centers, supermarkets, laundromats, eateries, convenience stores and community bulletin boards were targeted. The same notices that were mailed out to individuals were used.

5. Regional Informational Meetings

Public meetings regarding the TIP was handled by OMPO (see Section III and Appendix 1 for documentation)

Eighteen (18) regional informational meetings were held on the neighbor islands in an attempt to reach out to more of the population. These meetings were split into two rounds.

The purpose of the first round of meetings was to introduce the unconstrained STIP and invite feedback. Schedule and locations for these first round meetings were as follows:

- a. May 16 – Pukalani, Maui
- b. May 17 – Kahului, Maui
- c. May 18 – Kihei, Maui
- d. May 19 – Lahaina, Maui
- e. May 23 – Keaau, Hawaii
- f. May 24 – Hilo, Hawaii
- g. May 25 – Waimea, Hawaii
- h. May 26 – Kealahou, Hawaii
- i. May 31 – Lihue, Kauai

Summaries of the first round meetings were written up and are attached as Appendix 2.

The purpose of the second round of meetings was to share the constrained STIP and offer explanations on the financial constraint decisions made. Schedule and locations for these second round meetings were as follows:

- j. July 28 – Lihue, Kauai
- k. August 1 – Keaau, Hawaii
- l. August 2 – Hilo, Hawaii

- m. August 3 – Kealahou, Hawaii
- n. August 4 – Waimea, Hawaii
- o. August 8 – Pukalani, Maui
- p. August 9 – Kihei, Maui
- q. August 10 – Lahaina, Maui
- r. August 11 – Kahului, Maui

Summaries of the second round meetings were written up and are attached as Appendix 2.

Attendees of the first round meetings were given a project prioritization survey with return information included. The survey gave them an opportunity to express their opinions on project priorities. They were asked to rate projects “high”, “medium” or “low” priority. A deadline of June 10, 2005 was given as a deadline to return any comments, as well as the survey. We used these comments and survey results as tools to help in the constraint process. The majority of comments were related to Federal Highway funded projects. The survey results were also shared at the second round meetings and posted on the DOT website.

As a result of the public involvement program the attendance at our meetings were as follows:

Round 1:

May 16 – Pukalani, Maui - 14  
May 17 – Kahului, Maui - 9  
May 18 – Kihei, Maui - 17  
May 19 – Lahaina, Maui - 47  
May 23 – Keaau, Hawaii - 10  
May 24 – Hilo, Hawaii - 9  
May 25 – Waimea, Hawaii - 26  
May 26 – Kealahou, Hawaii - 11  
May 31 – Lihue, Kauai - 7

Round 2:

July 28 – Lihue, Kauai - 6  
August 1 – Keaau, Hawaii - 2  
August 2 – Hilo, Hawaii - 4  
August 3 – Kealahou, Hawaii - 24  
August 4 – Waimea, Hawaii - 23  
August 8 – Pukalani, Maui - 15  
August 9 – Kihei, Maui - 7  
August 10 – Lahaina, Maui - 21  
August 11 – Kahului, Maui - 1

Attached as Appendix 3 are copies of the all comments received to date and responses sent. Also attached are the survey results.

# Public input sought on highway project priorities

State and county plans for roadway renovations aired

By HARRY EGAR  
Staff Writer

**PUKALANI** — County residents are being asked to help determine which road projects should have priority for federal highway matching funds over the next three years.

Projects must be "ready to go" to compete, state highways official Brennon Morioka said at a meeting Monday at King Kekaulike High School.

There are more than \$60 million worth of Maui projects on the ready-to-go list, including big ones like the north-south collector road in Kihei and small ones like lighting at the intersection of Kahului Beach Road and Kanaʻola Avenue.

There are controversial ones like the Pāia bypass.

Some of the dozen people who attended Monday's meeting want-

ed to tell Morioka about projects that are not on the 2006-08 Statewide Transportation Improvement Program list. Notably, several spoke against a traffic light at the intersection of Haliimaile Road and Haleakala Highway.

They want an overpass, if possible, to keep traffic flowing.

An overpass would have less impact, agreed Morioka, who is deputy director of the DOT Highways Division, but it would cost a lot.

District Engineer Fred Capigal said traffic studies connected with the fourth lane of Haleakala Highway warrant the light.

The amount of money available is uncertain. The STIP is updated every two years, looking ahead three years at a time.

In the current STIP, Hawaii received about \$130 million a year. The money comes mostly from the 15.4 cents-per-gallon federal tax on motor vehicle gasoline.

Under the distribution formula, Hawaii gets back somewhat more than it pays in.

The Neighbor Islands will get somewhat more than their per capita share, said Morioka, because studies showed more urgent needs outside Oahu.

He is hopeful the amount allowed will rise to about \$160 million a year, although Congress and the Bush administration are billions of dollars apart on the total amount. Despite a presidential veto threat, the Senate passed a \$295 billion highway bill on Tuesday, which the administration says is too expensive.

No exact amount coming to Maui County could be specified, but residents are being asked to rate the eligible projects as high, medium or low priority.

That will not be the final word. DOT must consult with the mayors also, since roughly half of the projects require a county match.

All the county projects would require matches of somewhat over \$300,000 a year, if all could be built.

State matches would require \$9

## SOME OF THE BIG MAUI COUNTY STIP PROJECTS:

- A new access road to Kahului Airport, \$10 million.
- Repairs of the bridge over Iao Stream at Waipaho Beach Road, \$6.3 million.
- Widening Puunene Avenue between Wakea Avenue and Kulihani Highway, \$2.5 million.
- Pāia bypass location and design, \$3 million.
- Replacing Kapeela Stream Bridge on Kamehameha V Highway on Mōkōhai, \$3.2 million.
- Replacing Makakupala Stream Bridge on

- Kamehameha V Highway, \$3.7 million.
- Baldwin Avenue bypass, \$8 million.
- North-south collector from Kaonohu Street to Waipaho Road, \$11.5 million.
- North-south collector from Lipoa Street to Waipaho, \$13.8 million.
- South Kihei Road improvements from Uwapo Road to Kaonohu Street, \$6.9 million.
- South Kihei improvements from Lipoa to Kulanihiki Street, \$13.5 million.

The Pāia bypass is another project that has both friends and foes. Morioka said the full bypass is many years out and cannot be part of the STIP, which is limited to three years. However, planning funds are on the STIP list.

When he was asked what the friends of the full bypass could do to hasten things along, he commented that they could speak up when the environmental impact statement is being prepared.

Nationwide, he said, EIS preparation averages 62 months — longer if there is opposition that raises new issues to be studied.

Some of the Maui County STIP projects are small, such as improving road shoulders.

A meeting was held Tuesday night in Kahului, and there will be further meetings at 7 tonight at Kihei Elementary School cafeteria and Thursday night at Lahaina Civic Center.

■ Harry Eggar can be reached at heagar@maui.news.com

million, all in the first two years. The complete list of eligible projects is available at [www.hawaii.gov/dot/stip/stip.index.htm](http://www.hawaii.gov/dot/stip/stip.index.htm).

Rankings are requested to be submitted by June 10 to Ronald Tezuka, head planning engineer, State Department of Transportation, Highways Division, 869

Punchbowl St., Room 301, Honolulu 96813.

Not all eligible projects are welcome, Morioka was told.

The proposal to build hike lanes along Baldwin Avenue was supported by the Maui Outdoor Circle but opposed by the Maui Bicycle Alliance. That's an \$8 million project.

## COUNTY IN BRIEF

### Fire burns shed, singes roof near Kahului home

**KAHULUI** — A fire burned a shed behind a Kahului house Monday and also singed the roof of a neighboring home, a fire official said.

Kahului and Waiuku firefighters responded to the fire reported at 2:40 p.m. at the house on South



Logan Kramer, 19 months, of Kihei gets a lesson on floating from his mom, Victoria, while in the cool waters at Kihei Aquatic Center on Tuesday afternoon. Brisk trade winds, gusting up to 29 mph in Kahului on Tuesday, helped to keep ground temperatures

## Mayor joins global warming coalition

The Maui News and The Associated Press

**WAILUKU** — Mayor Alan Arakawa has joined a coalition of more than 130 U.S. mayors agreeing to live by the standards of the Kyoto global warming treaty.

"I feel this is an issue here on Maui," Arakawa said. "I can actu-

ally Mayor Mufi Hannemann and Big Island Mayor Harry Kim.

Arakawa said climate change could have a serious impact on Maui, and he pointed to unusual drought conditions Upcountry and increased erosion on coastlines.

"Looking at these things, I feel quite strongly that we need to do

WHT 6.24.05  
TRAFFIC  
SAFETY

## Officials seek input on transportation priorities

BY TIFFANY EDWARDS  
WEST HAWAII TODAY  
tedwards@westhawaii.com

KEAAU — Traffic safety, congestion and road maintenance will factor into how an estimated \$160 million will be spent statewide each year for the next three years, state Department of Transportation (DOT) officials said this week.

DOT officials and Clifford Chew, a Federal Highway Administration engineer, were in Keaau Monday night to present the state's "unconstrained" Statewide Transportation Improvement Program (STIP) list, or wish list of county and state transportation projects for the years 2006, 2007, and 2008.

Transportation officials' meeting in Keaau — with eight residents in attendance including State House representative Clift Tsuji, planning

► SEE TRAFFIC PAGE 5A

## ► TRAFFIC: Officials seek public input

WHT 5.24.05

CONTINUED FROM PAGE 1A

commissioner Rene Siracusa, Puna Traffic Safety representative Jon Olson and Skip Bethea, legislative aide to Puna Councilman Gary Safarik — continued at press time.

Officials are making their way around the Big Island this week seeking public input on which island projects should be priority.

They will meet with residents at 7 p.m. tonight at Hilo State Office Building; the same time Wednesday night at Waimea Civic Center and Thursday night at Konawaena High School.

Public comments can also be sent to Ronald Tsuzuki, DOT head planning engineer, at 869 Punchbowl St., Honolulu, HI, 96813; via e-mail at Hwy.Stip.Projects@hawaii.gov; or via fax at 587-1787.

Officials will receive public input on priorities until June 10 before making the determination with Gov. Linda Lingle and the state's mayors later that month.

Construction money for Alii Highway phase one (Kamehameha III Road to Kuakini Highway), at \$35 million, and for a traffic signal improvement at Palani Road and Kealakaa Street, at \$5 million, are among the county projects listed to be funded in federal fiscal year 2006, which begins Oct. 1.

Design and construction money for 15 different improvements to Hawaii Belt Road including guardrail and shoulder improvements between 2006 and 2008; the design of the Kawaihae Road

Bypass, at \$2.5 million in 2007; and the design and right-of-way acquisition for the Kealahou Parkway extension from Keanalehu Drive to Kealakaa Street, at \$500,000 in 2006 are among the state projects listed.

DOT Deputy Director Brennon Morioka said state and county projects are eligible for the STIP list if they are considered "regionally significant"; consistent with both state and county long range transportation plans; involve collector roads; will be "ready to go" in the federal fiscal year they are slated to be funded; and will have a local match available when the federal match is provided.

Morioka said officials balance "big ticket" high-priority projects with smaller, lower-priority projects when determining which projects to fund, and they base their decision on "need."

He stressed that every island has its share and acknowledged that the state has been neglecting its roads for the last 10 to 12 years.

Still, with studies determining the Big Island's roads are the deadliest, he claimed the roads here are "the best we have in the state" and roads aren't the reason the traffic fatality rate is higher here than other islands.

As officials weigh safety, congestion and "system preservation," or the need to maintain existing infrastructure, Morioka said they will be looking at "quicker fixes in areas that need attention," namely guardrail and shoulder improvements, over building new roads.



## **\$93M to \$116M cost for project**

price destined to rise; meeting planned June 2

By BOBBY COMMAND  
*West Hawaii Today*  
[bcommand@westhawaiiitoday.com](mailto:bcommand@westhawaiiitoday.com)

State transportation officials have set aside \$2.5 million to update designs and provide alternatives for the realignment of Kawaihae Road.

It is also likely that the road and intersection improvements, which would replace existing Kawaihae Road and its intersection with the Queen Kaahumanu Highway, would cost between \$93 million and \$116 million -- if construction began today.

The state, which first held a design hearing for the project in 1973 and accepted the environmental impact statement (EIS) three years later, has announced it will update the 30-year old EIS. That is reflected in a \$2.5 million appropriation on the Statewide Transportation Improvement Plan (STIP) list programmed for release in 2007.

Also, because of the amount of time that has passed since the first EIS was released, the state has hired engineering consultant Edward K. Noda and Associates to prepare an alternative analysis study in addition to an updated federal and state environmental documents. Millie Kim is the planning consultant.

The Department of Transportation will hold a meeting at 5:30 p.m. Thursday, June 2 at the Kahilu Town Hall in Waimea to discuss these matters before the public.

Despite its narrow and winding two-lane design, Kawaihae Road has served as a major thoroughfare between Waimea and the commercial harbor at Kawaihae. It will likely be used by even more trucks delivering chipped eucalyptus trees from Hamakua to the harbor for shipment.

According to Brian Ishii, project manager for Noda and Associates, the bypass is planned to start at the Waimea-Kohala Airport on Mamelahoa Highway and extend to the coastline exiting at the Queen Kaahumanu Highway or at Kawaihae Harbor. It will be 12 to 15 miles in length.

There is a possibility of two roads at the western end, one to Kawaihae and another to serve the Kona-bound traffic on Queen Kaahumanu Highway. Also long proposed is the extension of Paniolo Drive from Waikoloa that would intersect with the bypass and go through to Kawaihae Road.

Funding for the road will come from the Federal Highways Administration and the state, with the federal government covering 80 percent of the cost. While the road will cross a portion of the Army's so-called "tank road" consultants say the military will not pay for any portion of the bypass.

In 1999, the state issued its Hawaii Long-Range State Transportation Plan, which included descriptions of proposed projects and their costs. In the plan, the state published quotes of \$76.8 million for the Lalamilo section of the bypass highway. However, that did not include the interchange that must be constructed in Kawaihae, which was another \$4.7 million.

According, the on-line Inflation Calculator (<http://www.westegg.com>

/inflation/), which calculates dollar values based on the consumer price index, the highway would cost close to \$93 million if it were built today.

Combined with the \$36.6 million needed for the Waimea Bypass, the three projects in 1999 dollars would have cost the state more than \$118 million to build, or \$135 million in today's dollars.

However, recent estimates by the state revealed the Waimea Bypass would cost closer to \$52 million to build. A proportional increase would raise the price tag of the Kawaihae Bypass and interchange to \$116 million, and with the Waimea Bypass the cost would rise to a staggering \$168 million, with more than \$33 million the responsibility of the state.

Consultants hope to issue a draft EIS by 2006 and finish planning by 2007. But that timetable does not take into account possible negotiations with the state Department of Hawaiian Home Lands for land acquisition through the Kawaihae area.

Public meeting

- What: The DOT will discuss road improvements
- When: 5:30 p.m. June 2
- Where: Kahilu Town Hall in Waimea

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# DOT wants public input on roads

STATE DRAFTING 3-YEAR  
PLAN FOR PROJECTS

BY TRAVIS LOOP  
WEST HAWAII TODAY  
tloop@westhawaii.com

More than \$400 million in highway projects are proposed for the Big Island during the next three fiscal years.

But just \$480 million in federal funds are available for the entire state, meaning the Hawaii Department of Transportation must determine which highway projects are most important.

## Find out more

► DOT STIP online  
[www.hawaii.gov/vdot/stip/stip/index.htm](http://www.hawaii.gov/vdot/stip/stip/index.htm)  
► Public comments can be sent to: Ronald Tsuzuki, DOT head planning engineer, at 869 Punchbowl St., Honolulu, HI, 96813; via e-mail at [Hwy.Stip.Projects@hawaii.gov](mailto:Hwy.Stip.Projects@hawaii.gov); or via fax at 587-1787.

DOT officials are drafting the Statewide Transportation Improvement Program (STIP), a three-year document to prioritize projects for fiscal year 2006 through 2008.

A series of meetings to gather public input have been held around the island

and Thursday about 10 residents attended a meeting at Konawaena High School.

Among the residents' primary concerns is that STIP projects have already been selected by government officials.

"Are we just going through a Mickey Mouse procedure here?" asked Josephine Keliipio. "They have probably already made the decisions."

DOT highways division administrator Glenn Yasui said the STIP is dynamic and resident feedback is valued.

"The STIP process is still open and not conclusive at this point — that is

► SEE ROADS PAGE 4A



MICHAEL DARDEN

Wearing a flower in his right ear to signify his availability, Reid Monroe, left, chats with fellow Jan MacMillan, one of nine speed dates the two enjoyed at the Kona Hard Rock Cafe Wednesday.

# Cutting to the chase

LOVE IN 8 MINUTES? NEW DATING TREND

BY KIM EATON  
WEST HAWAII TODAY  
keaton@westhawaii.com

Tim Hershman didn't know if he would meet his true love, but he was ready to take a chance.

"You can meet people at a laundry mat, so why not here? Why not (speed dating)?" said the 50-year-old Kailua-Kona resident. "It's meeting people, getting to know people and taking a gamble. That's all life is. There's no guarantees in life — it's all a gamble."

Speed dating, West Hawaii's newest attempt at matchmaking, had its first run Wednesday night, and judging by the response of some participants, it was a success.

"In one word, I would describe (speed dating) as fun," said Debra Harrison, a Waimea resident. "You don't go in taking it seriously. It's just a fun thing to do — three hours of entertainment."

Participating singles arrived



MICHAEL DARDEN | WEST HAWAII TODAY

One of the 10 tables set aside for the speed daters remained empty through out the night as one of the 10 males signed up didn't show up. All 10 women made the speed date.

## Find out more

► Contact Vicki For Six: 331-1811  
[www.alohafor6.com](http://www.alohafor6.com)

at Hard Rock 6:30-7 p.m. While having a few cocktails with the and trying to begin.

Coordinator owner of the evening engaged hunt to some singles, rushed Berkowitz's pet out who Alan Others sat back sipped their drink the hunt.

In speed date have eight minutes one-on-one with Sitting at a table they ask each and then date

► SEE DATE



# HPA, PARKER GRADS PREPARE FOR LIFE AFTER HIGH SCHOOL



Al  
bet



## ► **ROADS:** County included \$5M for widening of Kuakini Highway

CONTINUED FROM PAGE 1A

the reason we are here in Kona, to solicit input from the public on what projects are priorities to the community," Yasui said.

A survey of proposed Big Island highway projects for the STIP is available on the Internet.

The public is asked to rank the importance of projects and submit the survey, along with comments, to the DOT by June 10.

"If there is a project you feel is critical, also contact your legislators and government officials to let them know," Yasui said.

Project recommendations are then made by an advisory group comprised of the DOT director, county mayors and directors of public works, and chairs of the state House and Senate transportation committees. Final approval is given by Gov. Linda Lingle by Oct. 1.

Yasui said projects can only be considered if they involve major federal and state roads, are consistent with a county's long-range transportation plan, are regionally significant, and are ready for planning and construction, with environmental assessments and land acquisition completed.

Hawaii County submitted its list of priority projects to the DOT in March including \$35 million in construction



Yasui

funds for phase one of Alii Highway from Kamehameha III Road to Kuakini Highway, and \$5 million in funds for realignment of the Kealahaa Street and Palani Road intersection with installation of a traffic signal for fiscal year 2006.

The county also included \$5 million for the widening of Kuakini Highway from Hualalai Road to the future Alii Highway, and \$2.5 million for improvements to Mamalahoa Highway north of the intersection of Hualalai Road for FY 2007.

About \$7.5 million for design and construction of Alii Drive improvements along Oneo Bay from Hualalai Road to Walua Road is targeted for FY 2008.

State projects include design and construction money for 15 different improvements to Hawaii Belt Road such as guardrail and shoulder improvements between 2006 and 2008; the design of the Kawaihae Road Bypass at \$2.5 million in 2007; and the design and right-of-way acquisition for the Kealahae Parkway extension from Keanalehu Drive to Kealahaa Street at \$500,000.

## ► **ABBAS:** Time is 'great

CONTINUED FROM PAGE 1A

ruption as well as of violence.

"We will stand with you, Mr. President, as you combat corruption," Bush said. "You have made a new start on a difficult journey."

Abbas said Palestinians were "in dire need to have freedom" from Israeli control and that U.S. help was urgently needed. In a few weeks, the Palestinians have scheduled parliamentary elections in which Abbas' supporters are going up against the militant group Hamas.

"Time is becoming our greatest enemy," Abbas said toward the end of a three-day visit. During the trip, he projected himself as the peaceful alternative to Arafat and depicted the Palestinians as long suffering at the hands of Israel.

Abbas laid claim to all the land the Arabs lost to Israel in the 1967 Mideast war, including East Jerusalem. "It is time for our people, after many decades of suffering and dispossessions, to enjoy living in freedom on their own land," he said.

The boundaries of a future Palestinian state should be those that existed before the 1967 war, Abbas said. That means before Israel captured East Jerusalem, the West Bank and Gaza.

Bush, at a joint news conference, lent a measure of support to those territorial demands. He said Israel needed Palestinian consent to retain land the Arabs lost

38 years ago.

Any of the changes made in expanding boundaries since the end of the 1948 war for independence "must be mutually agreed to," Bush said also said Israel must reject illegal makeshift outposts from the West Bank and expanding Jewish settlements.

Notably, the president did not repeat the support voiced during a visit to Israeli Prime Minister Sharon last year for Israel's retention of large settlements on the West Bank near Jerusalem.

Despite the displacement, Bush and Abbas differed on the barrier Israel is constructing to screen itself from terrorists.

"There is no justification for the wall and it is immoral," Abbas said. Bush said the barrier was part of Israeli security effort and "must be a security barrier rather than a political barrier," Bush said.

Overall, the atmosphere at the White House was one of sharp contrast to the Bush administration's appraisal of Arafat as a corrupt and a support for attacks on Israel.

Asked whether Abbas moved aggressively to dismantle terrorist groups in Palestinian-held areas, said he knew Abbas was committed to democracy and was elected on a platform.

"You cannot have a democracy based upon rule of law if you have armed bar

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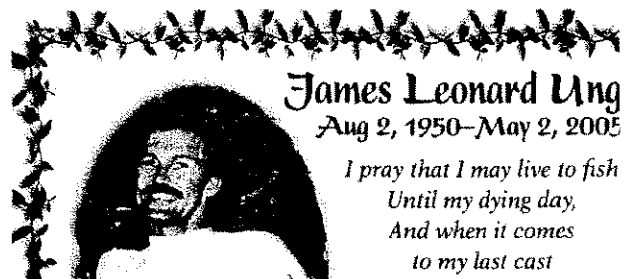


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*I pray that I may live to fish  
Until my dying day,  
And when it comes  
to my last cast*





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## Council to meet in Kona this week

Wednesday agenda to address Mamalahoa improvements

Tiffany Edwards  
West Hawaii Today  
[tedwards@westhawaii.com](mailto:tedwards@westhawaii.com)

HILO -- The Hawaii County Council's quarterly regular meeting in West Hawaii Wednesday will consider a resolution calling on the state to improve Mamalahoa Highway and a zoning change in the Mauni Lani subdivision.

Resolution 110-05, introduced by Angel Pilago, of North Kona, offers its support to the Kona Traffic Safety Committee "and its efforts for the immediate improvement of Mamalahoa Highway between mile markers 11 and 28."

That section of highway is "narrow, in some places without shoulders, bounded by lava rock outcrops, sharp drop-offs, and lacks appropriate sight lines and barriers to ensure the safety of motorists," the resolution states.

Council members waived the matter from their public works and intergovernmental relations committee to take it up at regular meeting level in West Hawaii.

DOT is in the midst of outlining priority projects on its Statewide Transportation Improvement Program (STIP) list, which will be funded from federal government proceeds in the next three years.

Also to be considered Wednesday:

- Bill 88 -- on final reading -- for a change in district classification from multiple-family residential to single-family residential for 41.4 acres, or 46 lots, within the 49 Black Sands Beach at Mauna Lani subdivision.

The district classification change more accurately reflects the use of those lots, since single-family residences have been built on half the lots developed, Hawaii County planning commissioners wrote in April, when recommending approval of the change.

- Bill 93 -- on final reading -- changing the district classification of a 10,410 square foot parcel along Pahoa's main street from single-family residential to village commercial.

The district classification change makes way for island shaper Jeffrey Hunt to construct his Jeff Hunt Surfboards shop near the police station.

- Bill 94 -- on final reading -- calling for a zoning change allowing for Kamehameha School's existing easement across Johanna Leaird's property off Wailuku Street in Hilo to be relocated, and Leaird to build a residence, Japanese tea house with bath house and five-bedroom bed and breakfast operation.

The legislation calls for a change of zone for 1,771 square feet from multiple family residential 1,000 square foot (RM-1) to an agricultural (20-a) district and for 20,084 square feet from agricultural 20-acre (A-20a) to multiple-family residential 1,000 square foot (RM-1) district.

Council will meet at 9 am. at the Sheraton Keauhou Bay Resort and Spa.

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## State urged to improve Mamalahoa

RESOLUTION SUPPORTS KTSC SAFETY RECOMMENDATIONS

by Travis Loop  
West Hawaii Today  
[tloop@westhawaiiitoday.com](mailto:tloop@westhawaiiitoday.com)

West Hawaii residents have for years complained to state government about dangerous conditions on Mamalahoa Highway between Kona and Waimea.

Now the Hawaii County Council is echoing their sentiments.

At the council's regular meeting Wednesday, members unanimously adopted a resolution supporting recommendations by the Kona Traffic Safety Committee (KTSC) for improving Mamalahoa, a state highway, between mile markers 11 and 28, or from Makalei Golf Course to the intersection of Waikoloa Road.

"We are hopeful the state takes this resolution very seriously," said K. Angel Pilago, the Kona councilman who introduced the measure. "The enormous grassroots movement for improving safety on Mamalahoa Highway provided strong motivation for this council to step in."

In the resolution, the council agreed with KTSC that Mamalahoa is narrow, without shoulders in some stretches, bounded by lava rock outcrops, steep drop-offs and lacks appropriate sight lines and barriers to insure the safety of motorists.

The resolution also states that Mamalahoa is the most direct and heavily traveled route between Kailua-Kona and Waimea and Hilo, and in its current condition is dangerous and inferior.

"The continued conversations and meetings about this road indicate the state has to do something now," said Councilman Pete Hoffmann of Kohala. "If they are serious about stemming dangerous situations, the (Department of Transportation) and governor have to make exceptions to their policies and devote money and resources."

Redesigning Mamalahoa to current highway standards would cost about \$50 million, said DOT Deputy Director of Highways Brennon Morioka at a May meeting at Puuanahulu.

The road is slated for \$350,000 in safety improvements including guardrails, expanded shoulders and reduction of rock outcroppings in select locations, such as the half-mile long bend at Puuanahulu. The pavement between mile marker 16 and 28 will also be resurfaced. Design should start in July 2005 with construction beginning in July 2006.

A KTSC subcommittee which studied the road and consulted area residents, said more should be done and provided several recommendations to improve safety. KTSC suggests the state add paved turnouts on each side of the highway at intervals determined by the police department.

This would provide police with locations for using radar, pulling cars over and to turnaround for pursuit. Paved turnouts also give motorists a safe place to pull over if they breakdown or want to let another vehicle pass.

Dan Olson, KTSC co-chairman, said a lack of enforcement makes Mamalahoa a more dangerous road.

"Police claim they don't have enough personnel and that it's not safe to patrol because there is no place to pull people over," Olson said.

KTSC also recommends correcting center of the road striping to be solid double yellow lines in more locations. The groups supports adding rumble bumps along the centerline and shoulders, and rumble strips in the lanes leading to the Puuanahulu bluff.

To alert motorists about the hazardous nature of the road, KTSC would like the state to post signs encouraging drivers to slow down, turn on headlights and let faster vehicles pass at turnouts.

Even if engineering and enforcement improvements are made on Mamalahoa, Olson called for increased driver education as a crucial piece of the safety puzzle. James Cohn, co-chairman of the KTSC Mamalahoa subcommittee, teaches performance driving on Oahu and in Hilo, and also sees driver error as a problem on the road.

"What I see is poor judgment -- there is passing and speeding on a very unforgiving road that lacks defensive driving options," Cohn said.

Hoffmann said without education, improvements won't make a difference.

"We have to make sure people are driving safely, especially on that road," he said. "No money or signs will be effective otherwise."

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Thursday, July 14, 2005



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## Local

## DOT, county resolve scheduling conflict

by Tiffany Edwards  
 West Hawaii Today  
[tedwards@westhawaii.com](mailto:tedwards@westhawaii.com)  
 Thursday, July 14, 2005 8:40 AM HST

HILO -- State Department of Transportation (DOT) officials have rescheduled a West Hawaii roads meeting after learning it fell on the same day as a county roads meeting.

The DOT meeting in Kealahou detailing state road projects had been scheduled for Aug. 4 -- the same day as a county meeting in Kailua-Kona discussing Big Island transportation projects.

After learning about the scheduling conflict, the DOT switched its Kona and Waimea meetings. As a result, the Kona meeting will be held at 6:30 p.m. Aug. 3 in the Konawaena High School cafeteria, while the DOT meeting at Waimea Civic Center will take place at 6:30 p.m. Aug. 4.

The county Department of Public Works meeting will still begin at 6:30 p.m. Aug. 4 at King Kamehameha's Kona Beach Hotel.

DOT officials were unaware of the scheduling conflict Tuesday afternoon.

"Oh, yeah, that is right at the same time," said Patrick Tom, a DOT civil engineer tasked with developing the Statewide Transportation Improvement Program (STIP) list, a "wish list" of county and state transportation projects for 2006-08.

"We don't want to have conflicting meetings, especially when both pertain to roads," said Ron Tsuzuki, the head planning engineer in DOT's highway planning branch.

DOT's August meetings follow those held around the island in May which detailed the "unconstrained" STIP list and sought public comments on which projects should take priority.

The state is expected to receive \$160 million in the next three years from the federal highways administration. On the unconstrained STIP list, the total estimated cost for Big Island projects alone is nearly double that, at \$317 million.

DOT officials have previously said state and county projects are eligible for the STIP list if they are considered

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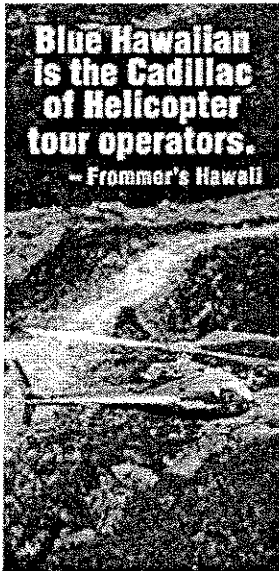


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"regionally significant"; consistent with both state and county long range transportation plans; involve collector roads; will be "ready to go" in the federal fiscal year they are slated to be funded; and will have a local match available when the federal match is provided.

Construction money for Alii Highway phase one (Kamehameha III Road to Kuakini Highway), at \$35 million, and for a traffic signal improvement at Palani Road and Kealakaa Street, at \$5 million, are among the county projects on the unconstrained STIP list to be funded in federal fiscal year 2006, which begins Oct. 1.

Funding for 15 improvements to Hawaii Belt Road are among the state projects on the unconstrained STIP list, including: guardrail and shoulder improvements between 2006 and 2008; the design of the Kawaihae Road Bypass, at \$2.5 million, in 2007; and the design and right-of-way acquisition for the Kealakehe Parkway extension from Keanalehu Drive to Kealakaa Street, at \$500,000, in 2006.

Tom said that over the last month and a half DOT officials have been "going through a process with the decision makers to financially constrain the (STIP) program."

DOT officials plan to take a "financially-constrained" STIP list back to the public in August for "d explanations, questions and comments."

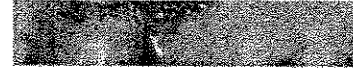
The county Department of Public Works' meeting Aug. 4, meanwhile, is part of what county Put Director Bruce McClure previously described as a "public relations effort" to keep residents appr county road projects.

At that meeting, officials are expected to provide, among other things, a status report on 13 We: projects being funded by a 2004 general obligation bond issue, which previous reports have det



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# DOT finalizes road funding

PUBLIC CAN  
COMMENT ON PLAN  
UNTIL AUG. 19

BY TRAVIS LOOP  
WEST HAWAII TODAY  
tloop@westhawaii.com

Vocal residents of West Hawaii helped the Big Island garner 33 percent of Hawaii's federal highway dollars for the next three years, said Department of Transportation



Haraga

Director  
Rodney  
Haraga.

Speaking at a Wednesday public meeting at Konawaena High, Haraga said the Big Island is slated to receive \$192 million for fiscal years 2006-08 under the Statewide Transportation Improvement Program (STIP).

During the past few months, public input by West Hawaii residents on the STIP and road issues in general has far outweighed participation in East Hawaii and neighbor islands, he said. About 25 people attended Wednesday's meeting, while similar events around the state drew as few as two residents.

The STIP is a document that allocates how federal highway funds will be spent over a three year period. Hawaii County submitted a list of projects to the DOT in March and the public was asked to identify their priorities. DOT officials have worked since then to develop a financially constrained STIP based on funding projections.

West Hawaii highway projects on the FY 2006-08 constrained STIP include \$24 million for widening of Queen Kaahumanu Highway from Kealahou Parkway to Keahole

► SEE ROADS PAGE 4A

# Fire burns 2 new brushf



**Above:** Shrouded by thick smoke, Hawaii County fire fighters work on the sides of Akoni Pule Highway in North Kohala Wednesday. The fire in Waikoloa burned more than 25,000 acres.

**Below:** A military Chinook helicopter dumps a bucket of water on the fire.



## NEW KOH

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parents and siblings.

The University of Hawaii offers free medical screening and an education

(HMSA) Care Connection has licensed nurses and dietitians available by phone to counsel patients on dietary, activity and

educator "Stay educated and learn as much as you possibly can — this is the key."

## ► **ROADS:** 260 people say Puuanahulu improvements are high priority

CONTINUED FROM PAGE 1A

Airport Access Road, \$24 million for phase of Alii Highway from Kamehameha III Road to Kuakini Highway, and \$4 million for improvements to the Palani Road and Kealakaa Street intersection.

Project funding that was originally on the financially unconstrained STIP, which failed to make the latest version, include design for Kuakini Highway widening from Henry St. to Kamehameha III Road, construction improvements to the intersection of Palani Road and Mamalahoa Highway, and widening of Kuakini Highway

from Hualalai Road to Alii Highway.

The most overwhelming support came for safety improvements to Mamalahoa Highway near Puuanahulu. More than 260 people indicated this project was a high priority, while no other project received more than 13 votes.

"A tremendous amount of people indicated safety improvement on that area of Mamalahoa Highway as a high priority — this level of response is unprecedented," said DOT district engineer Stanley Tamura.

Josephine Keliipio, however, said the Kona Traffic Safety Committee, which has called

### Statewide Transportation Improvement Program

► **Online:** [www.hawaii.gov/dot/stip/stip](http://www.hawaii.gov/dot/stip/stip)

► **Comment deadline:** Friday, August 19

► **Contact:** Ronald Tsuzuki, Head Planning Engineer, Department of Transportation, Highways Division, 889 Punchbowl Street, Honolulu, HI 96813; via fax at (808) 587-1787, or by e-mail [Stip.Projects@hawaii.gov](mailto:Stip.Projects@hawaii.gov).

attention to dangerous conditions near Puuanahulu, didn't represent South Kona residents.

Haraga said the DOT didn't hear opposition.

"If people don't come out to these meetings and share their concerns, we won't know about them," Haraga said.


County Councilwoman Virginia Isbell expressed con-

cern that \$81.8 million allocated for Saddle Road improvements was coming out of the island's federal funds, although the project would mostly benefit Pohakoloa Training Area. Haraga said the Saddle Road funds were "extra" and secured by Sen. Daniel Inouye.

The DOT is accepting public comment on the constrained STIP until Aug. 19.

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## Statewide Transportation Improvement Program Mailing List

Only the names of those on the DOT's Statewide Transportation Improvement Program mailing list have been provided for privacy reasons.



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Rav Robeck  
Richard Decoite  
Richard Emery  
Richard Nagamine  
Richard Spork  
Rob Parsons  
Robert Cartwright  
Robert McNatt  
Robert Nelson  
Roger Krom  
Ron DeMello  
Ron Ho  
Ron Laclercue  
Ryan Churehall  
Safeway  
Scott Ullrich  
Silvana & David Jenkins  
South Shore Veterinary Care  
Star Market  
Star Market  
Stephen A. Lovelette  
Steven Suyat  
Stillwell's Bakery  
Sue Kiang  
Syl Cabral  
Takamiya Market

## Statewide Transportation Improvement Program Mailing List

### **MAUI - continued**

Teresa Delos Reyes  
Terryl Venck  
Terryl VencI  
Thomas Low  
Tommy Lau Hee  
Upcountry Medical Clinic  
Val Lelos Santos-Duarte  
Valley Hardware  
Victor Ramos  
Victor Reyes  
Vivian Iehiki  
W & F Washerette  
Walter Enomoto  
Warren McCord  
Warren Shibuya  
Warren Suzuki  
Wendy's Old Fashioned Hamburgers  
William B. Kleefisch  
William E. Bates  
Willy Pyle  
Wow-Wee Maui's Café  
Yuki Lei Sugimura

### **KAUAI**

Alex Domender  
Aloha Diner  
Aloha Juice Bar  
Aloha Spirits  
Alu Like, Inc.  
Barbara Robeson  
Ben H. Hirano, DDS  
Beryl Blaich  
Beverly Eager  
Big Save  
Big Save  
Bruce Miyashiro  
Christina Pilkington  
Christine Erorita  
Clyde Kodani  
Curtis Tom  
Dale Rosenfeld  
Dani's Restaurant  
Danny Hamada  
Daylight Donuts  
Dennis Alkire  
Ed Matsukawa  
Eduardo Valenciana  
Eleele School  
Gerard Oga  
Hale Kauai, Ltd.  
Hanapepe Café

### **KAUAI - continued**

Hanapepe Clinic  
Harry Funamura  
Ishihara Store  
Jason Blackstad  
Java Kai  
Jeff Hashimoto  
John G. Hill  
John Isobe  
Joni-Hana  
Kapaa Laundry Center  
Kauai Chamber of Commerce  
Kauai Community College Administration  
Kauai Community College Library  
Kauai Kookie  
Kauai Village Community Center  
Keith Suga  
Ken Rainforth  
Kent Tada  
Laura Cushnie  
Laurie Ho  
Laurie Yoshida  
Lelan Nishek  
Lelan Nishek  
Lihue Bakery and Coffee Shop  
Lihue Bowling Center  
Lihue Pet Shop  
Linda Collins  
Lurline Bettencourt  
Mabel Fujiuchi  
Mamo P. Cummings  
Marge Freeman  
Mark Nellis  
Michael H. Furukawa  
Michael Loo  
Myles Shibata  
Naomi Sugihara  
Patrick Kaihara  
Pete Prestage  
Pizzetta  
Po's Kitchen  
Randal Valenciana  
Richard Iwamoto  
Rick Jasper  
Robert Bryan  
Robert Measel, Jr.  
Robert R. Steputis  
Rodger Cable  
Roger Cable  
Rollin-N Dough  
Safeway  
Scotty's Music

## Statewide Transportation Improvement Program Mailing List

### **KAUAI - continued**

Stanton Koizumi  
Stephen Smith  
Steve's Mini Mart  
Sueoka's  
Susan La Vac  
Suzzette Kane  
Taro Ko Farm  
The People's Market  
The Wine Garden  
Tip Top Motel  
Tom & Ebie Godbey  
Tom Shigemoto  
Walmart

### **OAHU**

Tamara Edwards  
Lanihau Partners LLC  
Laura McSweeney

# STIP EMAIL LIST

## GROUP: Public to Notify

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### Basics:

|              |                         |
|--------------|-------------------------|
| Group name:  | Public to Notify        |
| Group type:  | Multi-purpose           |
| Description: | People to notify - STIP |
| Members:     |                         |

|                         |
|-------------------------|
| Ann Peterson            |
| Barbara Allen           |
| Barbara Robeson         |
| Becky Lennon            |
| Brian Jordan            |
| Buck Joiner             |
| Christopher Perreira    |
| Claire Schopen          |
| Claudine San Nicolas    |
| Cory Harden             |
| David Forgusen          |
| Dick Mayer              |
| Don Reaser              |
| Ed Lindsey              |
| Elizabeth W Schusser    |
| Ezekiela Kalua          |
| Guido Giacometti        |
| Harold Murata           |
| Jim Crowe               |
| Jim Cutter              |
| Joe Bertram III         |
| Joe Schopen             |
| Joel Gimple Janet Rae   |
| John Ray                |
| Joyce and Ned Downey    |
| Kathleen Aoki           |
| Kay Ghean               |
| Kim Jackson             |
| Kim Tavares             |
| Leonard Librizzi        |
| Lynn Ho                 |
| Lynn Taylor             |
| Nikhi Lananda           |
| Patricia White          |
| Ray and Debbie Cabebe   |
| Rep. Brian Blundell     |
| Richard Emery           |
| Roz Baker               |
| Silvana & David Jenkins |
| Susan Werner            |
| Susie Campbell          |
| Tim Bates               |
| Lava 105                |
| Sherry                  |
| Pat Pannell             |
| Bob Ward                |
| Lee and Wally Holmstrom |
| Aaron Stene             |
| Clem Lam                |
| Walter Enomoto          |
| Lynn Taylor             |
| Mike Price              |
| Frank Goodale           |
| Bets Lawrence           |

Mary Ann Ward  
Janine Packett  
Jim and Judy Fraizer  
Katie Minkus  
Charles Lipps  
Brian Thomas  
Martin J Kahn  
Janice  
Edward Cross  
Susan Gand  
Bob Hunter  
Gail Jackson  
Stephanie Bath  
Sharon Vitousek  
Doug Perrine

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Internet Address:

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**Administration**

Owners: Patrick Tom/HWY/HIDOT

Administrators: Patrick Tom/HWY/HIDOT

Foreign directory sync allowed: Yes

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**NOTICE  
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION**

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<http://www.hawaii.gov/dot/stp/stip>

The Public Informational Meetings on the Island of HAWAII have been scheduled as follows:

**Meeting #1**  
Date: Monday, May 23, 2005  
Time: 7:00 P.M.  
Location: Keau Community Center  
16-186 Pillmua Street  
Keau, Hawaii 96749

**Meeting #3**  
Date: Wednesday, May 25, 2005  
Time: 7:00 P.M.  
Location: Waihee Civic Center  
State Office Building Conf Room  
67-5189 Kamamalu Street  
Kamuela, Hawaii 96743

**Meeting #2**  
Date: Tuesday, May 24, 2005  
Time: 7:00 P.M.  
Location: Hilo State Office Building  
Conference Rooms A, B, & C  
75 Aupuni Street  
Hilo, Hawaii 96720

**Meeting #4**  
Date: Thursday, May 26, 2005  
Time: 7:00 P.M.  
Location: Kona Waena High School Cafeteria  
81-1043 Kona Waena School Road  
Kealahou, Hawaii 96750

The Public Informational Meetings on the Island of MAUI have been scheduled as follows:

**Meeting #1**  
Date: Monday, May 16, 2005  
Time: 7:00 P.M.  
Location: King Kekaulike High School Cafeteria  
121 Kula Highway  
Pukalani, Hawaii 96768

**Meeting #3**  
Date: Wednesday, May 18, 2005  
Time: 7:00 P.M.  
Location: Kihel Elementary School Cafeteria  
250 E. Lipoa Street  
Kihel, Hawaii 96783 State

**Meeting #2**  
Date: Tuesday, May 17, 2005  
Time: 7:00 P.M.  
Location: Department of Transportation  
Highways Division  
Maui District Office Conference Rm.  
650 Palapala Drive  
Kahului, Hawaii 96732

**Meeting #4**  
Date: Thursday, May 19, 2005  
Time: 7:00 P.M.  
Location: Lahaina Civic Center Social Hall  
1840 Honouliuli Highway  
Lahaina, Hawaii 96761

The Public Informational Meeting on the Island of KAUAI has been scheduled as follows:

**Meeting #1**  
Date: Tuesday, May 31, 2005  
Time: 7:00 P.M.  
Location: Department of Transportation  
Highways Division  
Kauai District Office Conference Room  
1720 Haleukana Street  
Lihue, Kauai, Hawaii 96766

Comments may also be submitted by E-mail, mail, or FAX to:

E-mail Address: [Hwy.Stp.Projects@hawaii.gov](mailto:Hwy.Stp.Projects@hawaii.gov)  
Mailing Address: Highway Planning Branch  
869 Punchbowl Street, Room 301  
Honolulu, Hawaii 96813  
FAX Number: (808) 587-1787

Special accommodations are available upon request three (3) days prior to the meeting date, to the Department of Transportation, Highway Planning Branch. Telephone (808) 587-1830.

**NOTICE  
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION**

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The Public Informational Meetings on the Island of HAWAII have been scheduled as follows:

**Meeting #1**  
Date: Monday, August 1, 2005  
Time: 6:00 P.M.  
Location: Keau Community Center  
16-186 Pillmua Street  
Keau, Hawaii 96749

**Meeting #3**  
Date: Wednesday, August 3, 2005  
Time: 6:00 P.M.  
Location: Kona Waena High School Cafeteria  
81-1043 Kona Waena School Road  
Kealahou, Hawaii 96750

**Meeting #2**  
Date: Tuesday, August 2, 2005  
Time: 6:00 P.M.  
Location: Hilo State Office Building  
Conference Rooms A, B, & C  
75 Aupuni Street  
Hilo, Hawaii 96720

**Meeting #4**  
Date: Thursday, August 4, 2005  
Time: 6:00 P.M.  
Location: Waihee Civic Center  
State Office Building Conference Rm.  
67-5189 Kamamalu Street  
Kamuela, Hawaii 96743

The Public Informational Meetings on the Island of MAUI have been scheduled as follows:

**Meeting #1**  
Date: Monday, August 8, 2005  
Time: 7:00 P.M.  
Location: King Kekaulike High School Cafeteria  
121 Kula Highway  
Pukalani, Hawaii 96768

**Meeting #3**  
Date: Wednesday, August 10, 2005  
Time: 7:00 P.M.  
Location: Lahaina Civic Center Social Hall  
1840 Honouliuli Highway  
Lahaina, Hawaii 96761

**Meeting #2**  
Date: Tuesday, August 9, 2005  
Time: 7:00 P.M.  
Location: Kihel Elementary School Cafeteria  
250 E. Lipoa Street  
Kihel, Hawaii 96753

**Meeting #4**  
Date: Thursday, August 11, 2005  
Time: 7:00 P.M.  
Location: Department of Transportation  
Highways Division  
Maui District Office Conference Rm.  
650 Palapala Drive  
Kahului, Hawaii 96732

The Public Informational Meeting on the Island of KAUAI has been scheduled as follows:

**Meeting #1**  
Date: Thursday, July 28, 2005  
Time: 6:00 P.M.  
Location: Department of Transportation  
Highways Division  
Kauai District Office Conference Room  
1720 Haleukana Street  
Lihue, Kauai, Hawaii 96766

Comments may also be submitted by E-mail, mail, or FAX to:

E-mail Address: [Hwy.Stp.Projects@hawaii.gov](mailto:Hwy.Stp.Projects@hawaii.gov)  
Mailing Address: Highway Planning Branch  
869 Punchbowl Street, Room 301  
Honolulu, Hawaii 96813  
FAX Number: (808) 587-1787

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(SB05518477 7/25/05)



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The Public Informational Meetings on the Island of HAWAII have been scheduled as follows:

**Meeting #1**

Date & Time: Monday, May 23, 2005, 7:00 P.M.  
Location: Keaau Community Center  
16-186 Pilimua Street, Keaau, Hawaii 96749

**Meeting #2**

Date & Time: Tuesday, May 24, 2005, 7:00 P.M.  
Location: Hilo State Office Building  
Conf. Rooms A, B, & C,  
75 Aupuni Street, Hilo, Hawaii 96720

**Meeting #3**

Date & Time: Wednesday, May 25, 2005, 7:00 P.M.  
Location: Waimea Civic Center  
State Office Building Conference Room,  
67-5189 Kamamalu Street, Kamuela, Hawaii 96743

**Meeting #4**

Date & Time: Thursday, May 26, 2005, 7:00 P.M.  
Location: Konawaena High School Cafeteria  
81-1043 Konawaena School Road, Kealahou, Hawaii 96750

Comments may also be submitted by E-mail, mail, or FAX to:

E-mail Address: [Hwy.Stip.Projects@hawaii.gov](mailto:Hwy.Stip.Projects@hawaii.gov)

Mailing Address: Highway Planning Branch  
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FAX Number: (808) 587-1787

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(226979 Hawaii Tribune-Herald: May 18, 2005)

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Location: Keaau Community Center  
16-186 Pilimua Street, Keaau, Hawaii 96749

**Meeting #2**

Date & Time: Tuesday, May 24, 2005, 7:00 P.M.  
Location: Hilo State Office Building  
Conf. Rooms A, B, & C,  
75 Aupuni Street, Hilo, Hawaii 96720

**Meeting #3**

Date & Time: Wednesday, May 25, 2005, 7:00 P.M.  
Location: Waimea Civic Center  
State Office Building Conference Room,  
67-5189 Kamamalu Street, Kamuela, Hawaii 96743

**Meeting #4**

Date & Time: Thursday, May 26, 2005, 7:00 P.M.  
Location: Konawaena High School Cafeteria  
81-1043 Konawaena School Road, Kealahou, Hawaii 96750

Comments may also be submitted by E-mail, mail, or FAX to:

E-mail Address: [Hwy.Stip.Projects@hawaii.gov](mailto:Hwy.Stip.Projects@hawaii.gov)

Mailing Address: Highway Planning Branch  
869 Punchbowl Street, Room 301, Honolulu, HI 96813

FAX Number: (808) 587-1787

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(227671 Hawaii Tribune-Herald: May 23, 2005)

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<http://www.hawaii.gov/dot/stip/stip>

The Public Informational Meetings on the Island of HAWAII have been scheduled as follows:

**Meeting #1**

Date: Monday, August 1, 2005  
Time: 6:00 P.M.  
Location: Keaau Community Center  
16-186 Pilimua Street  
Keaau, Hawaii 96749

**Meeting #3**

Date: Wednesday, August 3, 2005  
Time: 6:00 P.M.  
Location: Konawaena High School Cafeteria  
81-1043 Konawaena School Road  
Kealahou, Hawaii 96750

**Meeting #2**

Date: Tuesday, August 2, 2005  
Time: 6:00 P.M.  
Location: Hilo State Office Building  
Conference Rooms A, B, & C  
75 Aupuni Street  
Hilo, Hawaii 96720

**Meeting #4**

Date: Thursday, August 4, 2005  
Time: 6:00 P.M.  
Location: Waimea Civic Center  
State Office Building Conf Room  
67-5189 Kamamalu Street  
Kamuela, Hawaii 96743

Comments may also be submitted by E-mail, mail or Fax to:

E-mail Address: [Hwy.Stip.Projects@hawaii.gov](mailto:Hwy.Stip.Projects@hawaii.gov)

Mailing Address: Highway Planning Branch  
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Honolulu, Hawaii 96813

FAX Number: (808) 587-1787

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(230659 Hawaii Tribune-Herald: July 27, August 1, 2005)

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16-186 Pilimua Street  
Keaau, Hawaii 96749

**Meeting #3**

Date: Wednesday, May 25, 2005  
Time: 7:00 P.M.  
Location: Waimea Civic Center  
State Office Building Conf Room  
67-5189 Kamamalu Street  
Kamuela, Hawaii 96743

**Meeting #2**

Date: Tuesday, May 24, 2005  
Time: 7:00 P.M.  
Location: Hilo State Office Building  
Conference Rooms A, B, & C  
75 Aupuni Street  
Hilo, Hawaii 96720

**Meeting #4**

Date: Thursday, May 26, 2005  
Time: 7:00 P.M.  
Location: Konawaena High School Cafeteria  
81-1043 Konawaena School Road  
Kealahou, Hawaii 96750

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Honolulu, Hawaii 96813  
FAX Number: (808) 587-1787

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(No. 6562-West Hawaii Today: May 18, 2005)

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Keaau, Hawaii 96749

**Meeting #3**

Date: ~~Wednesday~~ May 25, 2005  
Time: 7:00 P.M.  
Location: Waimea Civic Center  
State Office Building Conf Room  
67-5189 Kamamalu Street  
Kamuela, Hawaii 96743

**Meeting #2**

Date: Tuesday, May 24, 2005  
Time: 7:00 P.M.  
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Conference Rooms A, B, & C  
75 Aupuni Street  
Hilo, Hawaii 96720

**Meeting #4**

Date: Thursday, May 26, 2005  
Time: 7:00 P.M.  
Location: Konawaena High School Cafeteria  
81-1043 Konawaena School Road  
Kealahou, Hawaii 96750

Comments may also be submitted by E-mail, mail, or FAX to:

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Mailing Address: Highway Planning Branch  
869 Punchbowl Street, Room 301  
Honolulu, Hawaii 96813  
FAX Number: (808) 587-1787

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(No. 6615-West Hawaii Today: May 24, 2005)

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DEPARTMENT OF TRANSPORTATION**

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Date: Monday, August 1, 2005  
Time: 6:00 P.M.  
Location: Keaau Community Center  
16-186 Pilimua Street  
Keaau, Hawaii 96749

**Meeting #2**

Date: Tuesday, August 2, 2005  
Time: 6:00 P.M.  
Location: Hilo State Office Building  
Conference Rooms A, B, & C  
75 Aupuni Street  
Hilo, Hawaii 96720

**Meeting #3**

Date: Wednesday, August 3, 2005  
Time: 6:00 P.M.  
Location: Konawaena High School Cafeteria  
81-1043 Konawaena School road  
Kealahou, Hawaii 96750

**Meeting #4**

Date: Thursday, August 4, 2005  
Time: 6:00 P.M.  
Location: Waimea Civil Center  
State Office Building Conf Room  
67-5189 Kamamalu Street  
Kamuela, Hawaii 96743

Comments may also be submitted by E-mail, mail, or FAX to:

E-mail Address: **Hwy.Stip.Projects@hawaii.gov**  
Mailing Address: **Highway Planning Branch  
869 Punchbowl Street, Room 301  
Honolulu, Hawaii 96813**  
FAX Number: **(808) 587-1787**

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(No. 6761--West Hawaii Today: July 27; August 1, 2005)

**920 PUBLIC NOTICES**

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DEPARTMENT OF TRANSPORTATION**

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<http://www.hawaii.gov/dot/stip/stip>

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Date: Monday, May 16, 2005  
Time: 7:00 P.M.  
Location: King Kekaulike High School Cafeteria  
121 Kula Highway, Pukalani, Hawaii 96768

**Meeting #2**

Date: Tuesday, May 17, 2005  
Time: 7:00 P.M.  
Location: Department of Transportation  
Highways Division  
Maui District Office Conference Rm.  
650 Palapala Drive, Kahului, Hawaii 96732

**Meeting #3**

Date: Wednesday, May 18, 2005  
Time: 7:00 P.M.  
Location: Kihei Elementary School Cafeteria  
250 E. Lipoa Street, Kihei, Hawaii 96753 State

**Meeting #4**

Date: Thursday, May 19, 2005  
Time: 7:00 P.M.  
Location: Lahaina Civic Center Social Hall  
1840 Honoapiilani Highway, Lahaina, Hawaii 96761

Comments may also be submitted by E-mail, mail, or FAX to:

E-mail Address: [Hwy.Stip.Projects@hawaii.gov](mailto:Hwy.Stip.Projects@hawaii.gov)  
Mailing Address: Highway Planning Branch  
869 Punchbowl Street, Room 301  
Honolulu, Hawaii 96813  
FAX Number: (808) 587-1787

Special accommodations are available upon request three (3) days prior to the meeting date, to the Department of Transportation, Highway Planning Branch. Telephone (808) 587-1830.

(MN: May 11, 2005)

**STATE/COUNTY  
GOVERNMENT NOTICES**

**STATE/COUNTY  
GOVERNMENT NOTICES**

**NOTICE  
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION**

Notice is hereby given that the STATE DEPARTMENT OF TRANSPORTATION (SDOT) will be holding statewide public informational meetings to discuss and solicit comments on the STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP) for FISCAL YEARS 2006 - 2008.

The STIP document is a three-year programming document that identifies and establishes the State and County transportation projects statewide, to be funded in part with Federal Highway and Transit funds.

Copies of the fiscally constrained STIP Fiscal Years 2006 - 2008 are available for public review and comment and may be obtained by calling (808) 587-6355 or can be accessed on-line at: <http://www.hawaii.gov/dot/stip/stip>

The Public Informational Meetings on the Island of MAUI have been scheduled as follows:

**Meeting #1**

Date: Monday, August 8, 2005  
Time: 7:00 P.M.  
Location: King Kekaulike High School Cafeteria  
121 Kula Highway  
Pukalani, Hawaii 96768

**Meeting #2**

Date: Tuesday, August 9, 2005  
Time: 7:00 P.M.  
Location: Kihei Elementary School Cafeteria  
250 E. Lipoa Street  
Kihei, Hawaii 96753

**Meeting #3**

Date: Wednesday, August 10, 2005  
Time: 7:00 P.M.  
Location: Lahaina Civic Center Social Hall  
1840 Honoapiilani Highway  
Lahaina, Hawaii 96761

**Meeting #4**

Date: Thursday, August 11, 2005  
Time: 7:00 P.M.  
Location: Department of Transportation  
Highways Division  
Maui District Office Conference Rm.  
650 Palapala Drive  
Kahului, Hawaii 96732

Comments may also be submitted by E-mail, mail, or FAX to:

E-mail Address: [Hwy.Stip.Projects@hawaii.gov](mailto:Hwy.Stip.Projects@hawaii.gov)  
Mailing Address: Highway Planning Branch  
869 Punchbowl Street, Room 301  
Honolulu, Hawaii 96813  
FAX Number: (808) 587-1787

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(MN: Aug. 3, 8, 2005)

# STATE/COUNTY GOVERNMENT NOTICES

## NOTICE STATE OF HAWAII DEPARTMENT OF TRANSPORTATION

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Copies of the DRAFT fiscally unconstrained STIP Fiscal Years 2006 - 2008 are available for public review and comment and may be obtained by calling (808) 587-6355 or can be accessed on-line at:

<http://www.hawaii.gov/dot/stip/stip>

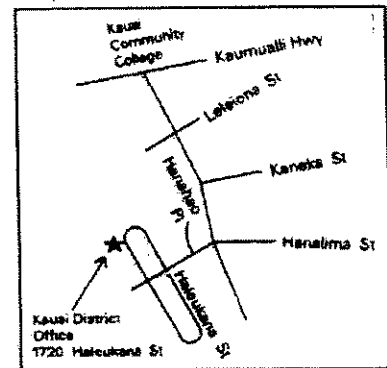
The Public Informational Meeting on the Island of KAUAI has been scheduled as follows:

### ISLAND OF KAUAI

**Date:** Tuesday, May 31, 2005  
**Time:** 7:00 P.M.  
**Location:** Department of Transportation  
Highways Division  
Kauai District Office Conference Room  
1720 Haleukana Street  
Lihue, Kauai, Hawaii 96766

Comments may also be submitted by E-mail, mail, or FAX to:

**E-mail Address:** [Hwy.Stip.Projects@hawaii.gov](mailto:Hwy.Stip.Projects@hawaii.gov)  
**Mailing Address:** Highway Planning Branch  
869 Punchbowl Street, Room 301  
Honolulu, Hawaii 96813  
**FAX Number:** (808) 587-1787



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(May 25 & 27, 2005)

*The Garden Isle*

## NOTICE STATE OF HAWAII DEPARTMENT OF TRANSPORTATION

Notice is hereby given that the STATE DEPARTMENT OF TRANSPORTATION (SDOT) will be holding statewide public informational meetings to discuss and solicit comments on the STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP) for FISCAL YEARS 2006-2008.

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Copies of the fiscally constrained STIP Fiscal Years 2006-2008 are available for public review and comment and may be obtained by calling (808) 587-6355 or can be accessed on-line at:

<http://www.hawaii.gov/dot/stip/stip>

The Public Informational Meeting on the Island of KAUAI has been scheduled as follows:

### ISLAND OF KAUAI

**Date:** Thursday, July 28, 2005  
**Time:** 6:00 P.M.  
**Location:** Department of Transportation  
Highways Division  
Kauai District Office Conference Room  
1720 Haleukana Street  
Lihue, Kauai, Hawaii 96766

Comments may also be submitted by E-mail, mail or FAX to:

**E-mail Address:** [Hwy.Stip.Projects@hawaii.gov](mailto:Hwy.Stip.Projects@hawaii.gov)  
**Mailing Address:** Highway Planning Branch  
869 Punchbowl Street, Room 301  
Honolulu, Hawaii 96813  
**FAX Number:** (808) 587-1787

Special accommodations are available upon request three (3) days prior to the meeting date, to the Department of Transportation, Highway Planning Branch. Telephone (808) 587-1830.

(July 25 & 27, 2005)

*The Garden Isle*

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : BIG ISLAND PROJECTS SURVEY RESULTS  
FY 2006 THRU FY 2008  
Revision Effective Date: May 6, 2005

| PROJECT   | PHASE      | FY 2006            |                      |                    | FY 2007            |                      |                    | FY 2008            |                      |                    | HIGH         |              |            |          |          | MEDIUM   |          |          |          |          | LOW      |          |          |          |          |          |          |
|---|------------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--------------|--------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|   |            | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL        | KEAAU        | HILO       | WAIMEA   | KONA     | TOTAL    | KEAAU    | HILO     | WAIMEA   | KONA     | TOTAL    | KEAAU    | HILO     | WAIMEA   | KONA     |          |          |
| HAWAII : STATE - FHWA   |            |                    |                      |                    |                    |                      |                    |                    |                      |                    |              |              |            |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Akoni-Pule Highway Bicycle Improvements<br>Mahukona Wharf Access Road to Hawi Road                  | DES        | 240                | 190                  | 50                 |                    |                      |                    |                    |                      |                    | 1            |              |            | 1        |          | 6        | 1        | 1        | 1        | 2        | 10       |          | 2        | 6        | 2        |          |          |
| Akoni-Pule Highway, Seismic Retrofit of<br>Honokaa Stream Bridge                                    | DES        |                    |                      |                    |                    |                      |                    | 355                | 284                  | 71                 | 3            |              |            | 1        | 1        | 7        | 1        | 3        | 1        | 2        | 6        |          |          | 5        | 1        |          |          |
| Akoni-Pule Highway, Seismic Retrofit of<br>Various Bridges, Waiakia and Aamako Bridges              | CON        | 1,200              | 960                  | 240                |                    |                      |                    |                    |                      |                    | 5            |              |            | 2        | 2        | 6        | 1        | 3        | 1        | 1        | 6        |          |          | 5        | 1        |          |          |
| Crater Rim Road Improvements and<br>Improvements to Hawaii Volcano National Park (NPS)              | DES        | 350                | 350                  |                    |                    |                      |                    |                    |                      |                    | 2            |              |            |          | 2        | 6        | 2        |          | 3        |          | 9        |          | 2        | 5        | 2        |          |          |
| Guardrail and Shoulder Improvements,<br>Various Locations   | DES        |                    |                      |                    |                    |                      |                    | 100                | 80                   | 20                 | 11           | 2            | 1          | 6        | 2        | 4        |          | 2        | 1        |          | 2        |          |          |          | 2        |          |          |
| Hawaii Belt Road, Clean and Paint Steel Members<br>Kukaia, Kawaikahi, Ninole and Mauiua Bridges     | CON        |                    |                      |                    | 5,000              | 4,000                | 1,000              |                    |                      |                    | 3            |              | 1          |          | 2        | 3        | 1        | 1        | 1        | 11       |          | 1        | 7        | 2        |          |          |          |
| Hawaii Belt Road Drainage Improvements,<br>Vicinity of Hakalau Bridge                               | CON        |                    |                      |                    |                    |                      |                    | 1,500              | 1,200                | 300                | 3            | 1            |            |          | 2        | 5        | 1        | 2        | 2        |          | 9        |          |          | 6        | 2        |          |          |
| Hawaii Belt Road, Guardrail and Shoulder Improvements<br>Kalopa Towards Waipunahina Bridge          | DES<br>CON | 100<br>CON         | 80<br>CON            | 20<br>CON          |                    |                      |                    | 1,400<br>CON       | 1,120<br>CON         | 280<br>CON         | 5<br>CON     | 2<br>CON     | 1<br>CON   | 1<br>CON | 1<br>CON | 5<br>CON |          | 1<br>CON | 2<br>CON | 1<br>CON | 7<br>CON |          |          | 5<br>CON | 2<br>CON |          |          |
| Hawaii Belt Road, Guardrail and Shoulder Improvements<br>Kawaiilili Bridge Towards Kalopa           | DES<br>CON | 100<br>CON         | 80<br>CON            | 20<br>CON          |                    |                      |                    | 1,400<br>CON       | 1,120<br>CON         | 280<br>CON         | 5<br>CON     | 2<br>CON     | 1<br>CON   | 1<br>CON | 1<br>CON | 5<br>CON |          |          | 1<br>CON | 2<br>CON | 1<br>CON | 7<br>CON |          |          | 5<br>CON | 2<br>CON |          |
| Hawaii Belt Road, Guardrail and Shoulder Improvements,<br>Pakalana Street to Paauhau Road           | CON        | 1,400              | 1,120                | 280                |                    |                      |                    |                    |                      |                    | 4            | 2            |            | 1        | 1        | 5        |          | 1        | 2        | 1        | 7        |          |          | 5        | 2        |          |          |
| Hawaii Belt Road, Guardrail and Shoulder Improvements,<br>Paauhau Road to Papalele Road             | CON        | 1,400              | 1,120                | 280                |                    |                      |                    |                    |                      |                    | 3            | 1            |            | 1        | 1        | 5        | 1        | 1        | 1        | 1        | 8        |          |          | 6        | 2        |          |          |
| Hawaii Belt Road, Guardrail and Shoulder Improvements<br>Waipunahina Bridge Towards Kawaiili Bridge | DES<br>CON |                    |                      |                    | 100<br>CON         | 80<br>CON            | 20<br>CON          |                    |                      |                    | 1,400<br>CON | 1,120<br>CON | 280<br>CON | 4<br>CON | 2<br>CON |          | 1<br>CON | 1<br>CON | 5<br>CON |          | 2<br>CON | 1<br>CON | 1<br>CON | 7<br>CON |          | 5<br>CON | 2<br>CON |
| Hawaii Belt Road, Halaui Bridge Removal   | CON        | 1,300              | 1,040                | 260                |                    |                      |                    |                    |                      |                    | 3            | 1            | 1          |          | 1        | 3        |          | 1        |          | 1        | 9        |          |          | 7        | 2        |          |          |
| Hawaii Belt Road, Mud Lane to<br>The Kamuela Race Track (Waimea Bypass)                             | DES        |                    |                      |                    | 1,500              | 1,200                | 300                |                    |                      |                    | 13           |              |            | 11       | 1        | 8        | 1        | 2        | 2        | 3        | 5        |          |          | 5        |          |          |          |
| Hawaii Belt Road,<br>Replacement of Pahoe Stream Bridge   | DES<br>ROW |                    |                      |                    | 1,050              | 840                  | 210                |                    |                      |                    | 745          | 596          | 149        | 3        | 1        | 1        |          | 1        |          | 3        | 8        |          |          | 6        | 2        |          |          |
| Hawaii Belt Road, Rockfall Protection at Various Sections,<br>Phase I                               | CON        | 10,000             | 8,000                | 2,000              |                    |                      |                    |                    |                      |                    | 7            | 2            | 2          | 1        | 2        | 8        |          | 1        | 6        |          | 2        |          |          |          | 2        |          |          |
| Hawaii Belt Road, Rockfall Protection at Various Sections,<br>Phase II                              | CON        |                    |                      |                    |                    |                      |                    | 10,000             | 8,000                | 2,000              | 7            | 2            | 2          | 1        | 2        | 5        |          | 1        | 2        | 1        | 5        |          |          | 4        | 1        |          |          |
| Hawaii Belt Road - Seismic Retrofit, Vicinity of Hilo, Phase 2                                      | CON        | 1,100              | 880                  | 220                |                    |                      |                    |                    |                      |                    | 5            | 1            |            | 1        | 2        | 1        |          | 1        |          |          | 8        |          |          | 6        | 2        |          |          |
| Hawaii Belt Road, Seismic Retrofit,<br>Vicinity of Laupahoehoe, Phase II                            | CON        | 1,260              | 1,008                | 252                |                    |                      |                    |                    |                      |                    | 4            | 1            |            | 1        | 1        | 3        |          | 1        | 1        | 1        | 7        |          |          | 5        | 2        |          |          |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: BIG ISLAND PROJECTS SURVEY RESULTS  
FY 2006 THRU FY 2008  
Revision Effective Date: May 6, 2005

| PROJECT   | PHASE      | FY 2006           |                     |                   | FY 2007           |                     |                   | FY 2008           |                     |                   | HIGH  |       |      |        |      | MEDIUM |       |      |        |      | LOW   |       |      |        |      |
|---|------------|-------------------|---------------------|-------------------|-------------------|---------------------|-------------------|-------------------|---------------------|-------------------|-------|-------|------|--------|------|--------|-------|------|--------|------|-------|-------|------|--------|------|
|   |            | TOTAL<br>(\$1000) | FEDERAL<br>(\$1000) | LOCAL<br>(\$1000) | TOTAL<br>(\$1000) | FEDERAL<br>(\$1000) | LOCAL<br>(\$1000) | TOTAL<br>(\$1000) | FEDERAL<br>(\$1000) | LOCAL<br>(\$1000) | TOTAL | KEAAU | HILO | WAIMEA | KONA | TOTAL  | KEAAU | HILO | WAIMEA | KONA | TOTAL | KEAAU | HILO | WAIMEA | KONA |
| Hawaii Belt Road - Seismic Retrofit, Vicinity of Papsikou Hakalau Bridge                    |            |                   |                     |                   | 1,000             | 800                 | 200               |                   |                     |                   | 6     | 1     | 1    | 1      | 2    | 1      |       | 1    |        |      | 8     |       |      | 6      | 2    |
| Kanoelehua Avenue, Inbound Widening, Kamehameha Avenue to Puainako Street                   | DES        |                   |                     |                   |                   |                     |                   | 350               | 280                 | 70                | 1     |       |      |        | 1    | 3      |       | 2    |        |      | 10    | 1     |      | 7      | 2    |
| Kawaihae Road Bypass, Waimea to Kawaihae  | DES        |                   |                     |                   | 2,500             | 2,000               | 500               |                   |                     |                   | 13    |       | 2    | 10     |      | 5      | 1     |      | 1      | 3    | 6     |       | 1    | 5      |      |
| Kawaihae Road, Waiake Stream Bridge Replacement and Realignment of Approaches               | ROW<br>CON |                   |                     |                   | 100               | 80                  | 20                | 3,500             | 2,800               | 700               | 7     |       |      | 6      |      | 5      | 1     | 2    |        | 2    | 11    |       | 1    | 9      | 1    |
| Keaau-Pahoa Road Shoulder Lane Conversion, Keaau Bypass Road to Shower Drive                | ROW<br>CON | 300               | 240                 | 60                |                   |                     |                   | 6,500             | 5,320               | 1,330             | 6     | 2     | 1    | 1      |      | 3      |       | 1    |        | 2    | 7     |       |      | 6      | 1    |
| Keaau-Pahoa Road Improvements, Keaau to Pahoa   | DES        |                   |                     |                   |                   |                     |                   | 3,000             | 2,400               | 600               | 5     | 2     | 1    |        |      | 4      |       | 2    | 1      | 1    | 8     |       |      | 6      | 2    |
| Kealahou Parkway Extension, Kealahou Drive to Kealahou Street                               | DES<br>ROW | 500               | 400                 | 100               |                   |                     |                   | 1,000             | 800                 | 200               | 9     | 1     | 1    | 2      | 4    | 2      |       | 2    |        |      | 7     |       |      | 7      |      |
| Kohala Mountain Road Realignment, Vicinity of Kawaihae Uka Bridge to Kahua Ranch            | CON        |                   |                     |                   |                   |                     |                   | 6,500             | 5,200               | 1,300             | 1     |       |      | 1      |      | 7      | 1     | 1    | 3      | 1    | 8     |       | 1    | 5      | 2    |
| Kuakini Highway Bicycle Improvements, King Kamehameha III Highway to Mamalahou Highway      | DES<br>CON | 100               | 80                  | 20                |                   |                     |                   | 500               | 400                 | 100               | 3     |       |      | 1      | 2    | 2      |       | 1    |        |      | 10    | 1     | 1    | 7      | 1    |
| Kuakini Highway Widening, Henry Street to Kamehameha III Road                               | DES        |                   |                     |                   |                   |                     |                   | 1,500             | 1,200               | 300               | 8     |       | 1    | 3      | 3    | 4      | 1     | 2    |        | 1    | 6     |       |      | 6      |      |
| Mamalahou Highway Drainage Improvements at Kawa   | CON        |                   |                     |                   |                   |                     |                   | 5,000             | 4,000               | 1,000             | 0     |       |      |        |      | 7      | 2     | 2    | 1      | 1    | 8     |       |      | 6      | 2    |
| Mamalahou Highway Safety Improvements in the Vicinity of C. Q. Yee Hop Ranch                | CON        |                   |                     |                   |                   |                     |                   | 200               | 160                 | 40                | 4     | 1     | 1    | 1      | 1    | 3      |       | 2    | 1      |      | 8     |       |      | 5      | 2    |
| Mamalahou Highway Safety Improvements in the Vicinity of Puuwaawaa Ranch Road               | CON        |                   |                     |                   |                   |                     |                   | 1,500             | 1,200               | 300               | 266   | 1     | 1    | 261    | 2    | 2      |       | 2    |        |      | 2     |       |      | 1      | 1    |
| Palani Road Intersection Improvements at Mamalahou Highway                                  | CON        |                   |                     |                   | 750               | 600                 | 150               |                   |                     |                   | 9     |       | 1    | 3      | 4    | 3      | 1     | 1    | 1      |      | 5     |       |      | 5      |      |
| Puainako Street Widening, Komohana to Kilauea, Phase 1                                      | ROW<br>CON |                   |                     |                   | 14,000            | 11,200              | 2,800             | 14,000            | 11,200              | 2,800             | 1     |       |      |        |      | 3      |       | 1    | 2      |      | 12    | 1     | 2    | 7      | 2    |
| Queen Kaahumanu Highway Widening, Kealahou Parkway to Keahole Airport Access Road, Phase II | CON        |                   |                     |                   | 30,000            | 24,000              | 6,000             |                   |                     |                   | 13    |       | 1    | 6      | 5    | 3      | 1     |      | 2      |      | 6     |       | 1    | 5      |      |
| Saddle Road Extension   | DES        |                   |                     |                   | 3,000             | 2,400               | 600               |                   |                     |                   | 12    | 1     | 3    | 6      | 1    | 4      |       |      | 3      | 1    | 5     |       |      | 5      |      |
| Saddle Road Improvements, Phase 2C (East Side)  | CON        | 5,000             | 5,000               |                   | 5,000             | 5,000               |                   | 5,000             | 5,000               |                   |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| Phase 1C/2A   |            |                   |                     |                   |                   |                     |                   |                   |                     |                   |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| PTA Paving (MP 28 to 35)  | CON        | 20,000            | 20,000              | 0                 |                   |                     |                   |                   |                     |                   |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| Phase 2B  |            |                   |                     |                   |                   |                     |                   |                   |                     |                   |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| East Side (MP 19 to 24)   | CON        | 3,000             | 3,000               | 0                 |                   |                     |                   |                   |                     |                   |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| Phase 2C  |            |                   |                     |                   |                   |                     |                   |                   |                     |                   |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| East Side (MP 8-19)   | DES        | 1,000             | 1,000               |                   |                   |                     |                   |                   |                     |                   |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| Phase 1B/1D   |            |                   |                     |                   |                   |                     |                   |                   |                     |                   |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| Rest of PTA (MP 35-37 & MP 40-42)   | CON        | 32,000            | 32,000              |                   |                   |                     |                   |                   |                     |                   | 8     | 1     | 3    | 3      |      | 3      |       |      | 3      |      | 6     |       |      | 4      | 2    |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM: BIG ISLAND PROJECTS SURVEY RESULTS  
FY 2006 THRU FY 2008  
Revision Effective Date: May 6, 2005

| PROJECT  | PHASE      | FY 2006            |                      |                    | FY 2007            |                      |                    | FY 2008            |                      |                    | HIGH  |       |      |        |      | MEDIUM |       |      |        |      | LOW   |       |      |        |      |
|--|------------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|-------|-------|------|--------|------|--------|-------|------|--------|------|-------|-------|------|--------|------|
|  |            | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL | KEAAU | HILO | WAIMEA | KONA | TOTAL  | KEAAU | HILO | WAIMEA | KONA | TOTAL | KEAAU | HILO | WAIMEA | KONA |
| Volcano Road Drainage Improvements,<br>Kulani Road to Mountain View School | CON        |                    |                      |                    |                    |                      |                    | 2,400              | 1,920                | 480                | 2     | 1     |      |        |      | 6      | 1     | 3    | 2      |      | 8     |       |      | 6      | 2    |
| Volcano Road Intersection Improvements at<br>Kulani Road                   | ROW<br>CON |                    |                      |                    | 500                | 400                  | 100                |                    |                      |                    | 2     |       | 1    |        |      | 4      | 1     | 2    | 1      |      | 9     |       |      | 7      | 2    |
| Volcano Road Widening, Keaau to Paahana Street                             | DES<br>CON | 500                | 400                  | 100                |                    |                      |                    |                    |                      |                    |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
|  |            |                    |                      |                    | 2,000              | 1,600                | 400                |                    |                      |                    | 1     |       | 1    |        |      | 5      | 1     | 2    | 1      |      | 9     |       |      | 7      | 2    |
| Volcano Road Intersection Improvements at<br>Kipimaha Drive                | CON        |                    |                      |                    | 500                | 400                  | 100                |                    |                      |                    | 2     | 1     | 1    |        |      | 4      |       | 2    | 1      |      | 8     |       |      | 6      | 2    |
| HAWAII - STATE - FHWA TOTAL  |            | 80,850             | 76,948               | 3,902              | 76,400             | 62,120               | 14,280             | 93,000             | 75,400               | 17,600             |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |



STATE OF HAWAII  
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| PROJECT   | PHASE | FY 2006            |                      |                    | FY 2007            |                      |                    | FY 2008            |                      |                    | HIGH  |       |      |        |      | MEDIUM |       |      |        |      | LOW   |       |      |        |      |
|---|-------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|-------|-------|------|--------|------|--------|-------|------|--------|------|-------|-------|------|--------|------|
|   |       | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL | KEAAU | HILO | WAIMEA | KONA | TOTAL  | KEAAU | HILO | WAIMEA | KONA | TOTAL | KEAAU | HILO | WAIMEA | KONA |
| COUNTY OF HAWAII - FHWA   |       |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| Bridge Inspection and Appraisal   | PLN   | 100                | 80                   | 20                 |                    |                      |                    | 100                | 80                   | 20                 | 4     |       | 1    | 1      | 1    | 6      | 1     | 2    | 1      | 2    | 6     |       |      | 6      |      |
| Alii Drive Culvert Replacement  | CON   |                    |                      |                    | 2,500              | 2,000                | 500                |                    |                      |                    | 2     |       |      |        | 2    | 5      | 1     | 2    | 2      |      | 8     |       | 1    | 6      |      |
| Alii Drive Road Improvements Along Oneo Bay                               | DES   |                    |                      |                    | 450                | 360                  | 90                 |                    |                      |                    |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| From Hualalai Road to Waiua Road  | ROW   |                    |                      |                    | 25                 | 20                   | 5                  |                    |                      |                    |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
|   | CON   |                    |                      |                    |                    |                      |                    | 7,000              | 5,600                | 1,400              | 4     |       |      |        | 2    | 8      | 1     | 3    | 3      | 1    | 5     |       |      | 5      |      |
| Alii Highway, Phase 1   | CON   | 35,000             | 28,000               | 7,000              |                    |                      |                    |                    |                      |                    | 7     | 1     | 1    | 2      | 2    | 4      |       | 2    | 2      |      | 6     |       |      | 5      | 1    |
| Kamehameha III Road to Kuakini Highway                                    |       |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| Hilo Roads Guardrail and Retaining Wall Improvements                      | ROW   | 200                | 160                  | 40                 |                    |                      |                    |                    |                      |                    |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
|   | CON   | 3,000              | 2,400                | 800                |                    |                      |                    |                    |                      |                    | 3     | 1     | 1    | 1      |      | 4      |       | 2    | 1      | 1    | 9     |       |      | 6      | 2    |
| Kamehameha Avenue Resurfacing   | CON   | 5,000              | 4,000                | 1,000              |                    |                      |                    |                    |                      |                    |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| Waihoa Bridge to Ponahawai Street   |       |                    |                      |                    |                    |                      |                    |                    |                      |                    | 0     |       |      |        |      | 4      | 1     | 1    | 1      | 1    | 13    |       | 2    | 8      | 2    |
| Kawaiiani/Pohakulani/Anaola & Kawaiiani/Iwalani Intersection Improvements | CON   |                    |                      |                    |                    |                      |                    | 6,000              | 4,800                | 1,200              | 1     | 1     |      |        |      | 3      |       | 1    | 1      | 1    | 12    |       | 2    | 7      | 2    |
| Kuakini Highway Widening  | DES   | 50                 | 40                   | 10                 |                    |                      |                    |                    |                      |                    |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| Hualalai Road to Alii Highway   | CON   |                    |                      |                    | 5,000              | 4,000                | 1,000              |                    |                      |                    | 9     | 1     | 1    | 4      | 2    | 4      |       | 2    | 1      | 1    | 5     |       |      | 5      |      |
| Mamalahoe Highway Improvements  | CON   |                    |                      |                    | 2,500              | 2,000                | 500                |                    |                      |                    | 5     |       |      | 2      | 2    | 8      | 1     | 3    | 3      | 1    | 4     |       |      | 4      |      |
| North of Hualalai Intersection  |       |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| Mohouli Street Improvements   | DES   | 50                 | 40                   | 10                 |                    |                      |                    |                    |                      |                    |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| Komohana Street to Kinole Street  | CON   |                    |                      |                    |                    |                      |                    | 8,000              | 6,400                | 1,600              | 0     |       |      |        |      | 4      | 1     | 1    | 1      | 1    | 11    |       | 2    | 6      | 2    |
| Palani-Kealakaa Intersection and Traffic Signal Improvements              | CON   | 5,000              | 4,000                | 1,000              |                    |                      |                    |                    |                      |                    | 5     |       | 1    | 3      |      | 7      | 1     | 2    | 1      | 3    | 5     |       |      | 5      |      |
| Waimea Trails and Greenways   | DES   |                    |                      |                    | 500                | 400                  | 100                |                    |                      |                    |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
|   | CON   |                    |                      |                    | 750                | 600                  | 150                |                    |                      |                    | 9     |       |      | 9      |      | 4      |       | 2    | 2      |      | 11    | 1     | 1    | 5      | 3    |
| HAWAII : COUNTY OF HAWAII - FHWA TOTAL                                    |       | 48,400             | 38,720               | 9,680              | 11,725             | 9,380                | 2,345              | 21,100             | 16,880               | 4,220              |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| COUNTY OF HAWAII - FTA  |       |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |
| Non-Urbanized Area Formula  | OPR   | 612                | 306                  | 306                | 360                | 315                  | 315                | 646                | 323                  | 323                | 6     |       |      | 6      |      | 5      |       | 2    | 2      | 1    | 5     |       |      | 4      | 1    |
| HAWAII : COUNTY OF HAWAII - FTA TOTAL                                     |       | 612                | 306                  | 306                | 360                | 315                  | 315                | 646                | 323                  | 323                |       |       |      |        |      |        |       |      |        |      |       |       |      |        |      |

Thank you for completing this survey. Your input helps to inform us about transportation issues that are important to you, the public.

Please return this form to us at the end of the night or mail it or fax it to:

Ronald Tsuzuki, Head Planning Engineer  
State Department of Transportation  
Highways Division  
869 Punchbowl Street, Room 301, Honolulu, Hawaii 96813  
Fax: 808-587-1787

Email: [hwy.stp.projects@hawaii.gov](mailto:hwy.stp.projects@hawaii.gov)  
DOT Website: <http://www.hawaii.gov/dot/stp/stp/index.htm>

**PLEASE COMPLETE AND RETURN BY - FRIDAY, JUNE 10, 2005**

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : MAUI PROJECTS SURVEY RESULTS  
FY 2006 THRU FY 2008  
Revision Effective Date: May 6, 2005

| PROJECT  | PHASE             | FY 2006            |                      |                    | FY 2007            |                      |                    | FY 2008            |                      |                    | HIGH  |                   |         |       |         | MEDIUM |                   |         |       |         | LOW   |                   |         |       |         |  |
|--|-------------------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|-------|-------------------|---------|-------|---------|--------|-------------------|---------|-------|---------|-------|-------------------|---------|-------|---------|--|
|  |                   | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL | KING<br>KEKAULIKE | KAHULUI | KIHEI | LAHAINA | TOTAL  | KING<br>KEKAULIKE | KAHULUI | KIHEI | LAHAINA | TOTAL | KING<br>KEKAULIKE | KAHULUI | KIHEI | LAHAINA |  |
| MAUI : STATE - FHWA  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Guardrail and Shoulder Improvements,<br>Various Locations  | DES<br>CON        | 100                | 80                   | 20                 |                    |                      | 1,000              | 800                | 200                  |                    |       |                   |         |       |         | 100    | 80                | 20      |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Haleakala National Park Access Road<br>Bikeway Pull-Out Areas  | CON               |                    |                      |                    |                    |                      | 300                | 240                | 60                   |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Hana Highway/Kaahumanu Avenue Beautification,<br>Dairy Road to Nanihoa Overpass                              | CON               | 1,025              | 820                  | 205                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Hana Highway Widening, Kaahumanu Avenue to<br>Vicinity of Airport Access Road                                | DES<br>ROW<br>CON | 300                | 240                  | 60                 |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      | 100                | 80                 | 20                   |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Honoapiʻilani Highway Guardrail and Shoulder Improves,<br>Honokahua Stream Bridge to Papanahoa Stream Bridge | CON               | 1,500              | 1,200                | 300                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Honoapiʻilani Highway Guardrail and Shoulder Improvements,<br>Kahoma Stream Bridge to Papanahoa Bridge       | CON               | 950                | 760                  | 190                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Honoapiʻilani Highway Passing Lanes,<br>Maalaea Harbor to Puamano  | ROW               |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Honoapiʻilani Highway, Replacement of<br>Honolua Bridge  | ROW<br>CON        |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      | 600                | 480                | 120                  |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Honoapiʻilani Highway Widening,<br>Lahainaluna Road to Aholo Road  | CON               |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Kahului Airport Access Road<br>Puunene Ave. to Hana Highway  | DES<br>ROW<br>CON | 800<br>200         | 640<br>160           | 150<br>40          |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      | 10,000             | 8,000              | 2,000                |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Kahului Beach Road, Shoreline Protection   | CON               |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Kahului Beach Road Lighting Improvements at<br>Kanalua Avenue  | CON               | 500                | 400                  | 100                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Lahaina Bypass, Launiupoko to Lahainaluna Road, Phase IB,<br>MP 16 to MP 16.9 to MP 20.9                     | DES<br>ROW        |                    |                      |                    |                    |                      | 750                | 600                | 150                  |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Paia Alternative Route, Vicinity of Spreckelsville to<br>Vicinity of Hookipa Park (Paia Bypass)              | DES               |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Puunene Avenue Bicycle Improvements,<br>Kaahumanu Avenue to Kuihelani Highway                                | CON               |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Puunene Avenue Safety Improvements,<br>Kaahumanu Avenue to Kamehameha Avenue                                 | CON               |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Puunene Avenue Widening, Wakes Avenue to Kuihelani Highway,<br>MP 0.46 to MP 1.09                            | DES<br>ROW<br>CON | 500                | 400                  | 100                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      | 5                  | 4                  | 1                    |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Waiehu Beach Road, Rehabilitation of<br>Iao Stream Bridge  | ROW<br>CON        |                    |                      |                    |                    |                      | 300                | 240                | 60                   |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| MOLOKAI  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Kamehameha V Highway, Guardrail and Shoulder Improvements,<br>MP 7.8 to 11.3                                 | CON               | 900                | 720                  | 180                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
| Kamehameha V Highway Bikeway, MP 8 to MP 10  | CON               |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |
|  |                   |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |  |

STATE OF HAWAII  
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STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : MAUI PROJECTS SURVEY RESULTS  
FY 2006 THRU FY 2008  
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| PROJECT   | PHASE | FY 2006            |                      |                    | FY 2007            |                      |                    | FY 2008            |                      |                    | HIGH  |                   |         |       |         | MEDIUM |                   |         |       |         | LOW   |                   |         |       |         |
|---|-------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|-------|-------------------|---------|-------|---------|--------|-------------------|---------|-------|---------|-------|-------------------|---------|-------|---------|
|   |       | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL | KING<br>KEKAULIKE | KAHULUI | KIHEI | LAHAINA | TOTAL  | KING<br>KEKAULIKE | KAHULUI | KIHEI | LAHAINA | TOTAL | KING<br>KEKAULIKE | KAHULUI | KIHEI | LAHAINA |
| Kamehameha V Highway, Kawela Stream Bridge Replacement                  | ROW   | 620                | 496                  | 124                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    |                    |                      |                    | 3,150              | 2,520                | 630                | 1     | 1                 |         |       |         | 3      | 1                 | 1       |       | 1       | 3     | 1                 |         | 1     | 1       |
| Kamehameha V Highway, Replacement of Makakupaia Stream Bridge           | DES   | 650                | 520                  | 130                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | ROW   |                    |                      |                    | 475                | 380                  | 95                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    |                    |                      |                    | 3,670              | 2,136                | 534                | 0     |                   |         |       |         | 5      | 3                 | 1       |       | 1       | 3     | 1                 |         | 1     | 1       |
| <b>MAUI : STATE - FHWA TOTAL</b>  |       | <b>8,045</b>       | <b>6,436</b>         | <b>1,599</b>       | <b>13,530</b>      | <b>10,824</b>        | <b>2,706</b>       | <b>45,490</b>      | <b>35,591</b>        | <b>8,899</b>       |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
| <b>COUNTY OF MAUI - FHWA</b>  |       |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
| Alaaula Bridge Replacement  | PLN   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | ROW   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | DES   |                    |                      |                    | 200                |                      | 200                |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    |                    |                      |                    | 2,300              | 1,600                | 700                | 0     |                   |         |       |         | 2      |                   | 1       |       | 1       | 4     | 1                 |         | 2     | 1       |
| Baldwin Avenue Bike Facility  | ROW   |                    |                      |                    | 300                |                      | 300                |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    |                    |                      |                    | 8,050              | 5,600                | 2,450              | 7     | 3                 | 2       | 2     |         | 1      |                   |         |       | 1       | 6     |                   |         | 3     | 1       |
| Baldwin Park Bikeway  | ROW   | 200                |                      | 200                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
| Baldwin Park to Paia Town   | CON   | 2,300              | 1,600                | 700                |                    |                      |                    |                    |                      |                    | 3     |                   | 1       | 2     |         | 3      | 2                 |         |       | 1       | 6     | 1                 | 1       | 3     | 1       |
| Bridge Inspection and Appraisal of Various Maui County Bridges          | DES   | 120                | 96                   | 24                 | 30                 | 24                   | 6                  | 30                 | 24                   | 6                  | 3     | 2                 |         |       | 1       | 6      | 2                 | 1       | 2     | 1       | 0     |                   |         |       |         |
| Hahalaue Bridge Replacement   | PLN   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | ROW   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | DES   |                    |                      |                    | 200                |                      | 200                |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    |                    |                      |                    | 2,300              | 1,600                | 700                | 0     |                   |         |       |         | 3      | 1                 | 1       |       | 1       | 2     |                   |         | 1     | 1       |
| Hina Avenue Traffic Signal at Papa Avenue                               | PLN   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | ROW   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | DES   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    | 350                | 240                  | 110                |                    |                      |                    | 1     |                   |         |       | 1       | 2      | 1                 | 1       |       |         | 5     | 1                 |         | 3     | 1       |
| Kahawaokapia Bridge Replacement   | ROW   | 100                |                      | 100                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   | 2,900              | 2,000                | 900                |                    |                      |                    |                    |                      |                    | 1     | 1                 |         |       |         | 2      |                   | 1       |       | 1       | 4     |                   |         | 3     | 1       |
| Kamehameha Avenue Traffic Signal at Hina Avenue                         | ROW   | 50                 |                      | 50                 |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   | 250                | 240                  | 10                 |                    |                      |                    |                    |                      |                    | 1     |                   |         |       | 1       | 3      | 2                 | 1       |       |         | 5     | 1                 |         | 3     | 1       |
| Koukoua Bridge Modifications  | ROW   | 100                |                      | 100                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   | 2,900              | 2,000                | 900                |                    |                      |                    |                    |                      |                    | 0     |                   |         |       |         | 3      | 1                 | 1       |       | 1       | 4     |                   |         | 3     | 1       |
| Kulanihakoi Bridge Replacement  | PLN   |                    |                      |                    | 100                |                      | 100                |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | ROW   |                    |                      |                    | 100                |                      | 100                |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | DES   |                    |                      |                    | 300                |                      | 300                |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    | 2,900              | 2,000                | 900                |                    |                      |                    | 0     |                   |         |       |         | 2      |                   | 1       |       | 1       | 6     | 1                 |         | 4     | 1       |
| Lelekea Bridge Replacement  | PLN   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | ROW   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | DES   |                    |                      |                    | 200                |                      | 200                |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    | 2,300              | 1,600                | 700                |                    |                      |                    | 0     |                   |         |       |         | 2      |                   | 1       |       | 1       | 4     | 1                 |         | 2     | 1       |
| Loño Avenue Traffic Signal Upgrade at Kamehameha Avenue                 | ROW   | 100                |                      | 100                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   | 500                | 400                  | 100                |                    |                      |                    |                    |                      |                    | 2     |                   | 1       |       | 1       | 3      | 2                 |         |       | 1       | 2     |                   |         | 2     |         |
| Lower Main-Waiale Road Improvements, Mill Street to Kuikahi Street      | ROW   | 200                |                      | 200                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | DES   | 200                |                      | 200                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    | 13,800             | 9,600                | 4,200              |                    |                      |                    | 0     |                   |         |       |         | 6      | 3                 | 1       | 1     | 1       | 0     |                   |         |       |         |
| Makawao Avenue-Makani Road Improvements, Eddie Tam Gym to Kalama School | PLN   | 100                |                      | 100                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | ROW   | 100                |                      | 100                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | DES   | 400                |                      | 400                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    |                    |                      |                    | 2,300              | 1,600                | 700                | 4     | 2                 | 1       | 1     |         | 6      | 2                 | 1       | 1     | 2       | 0     |                   |         |       |         |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : MAUI PROJECTS SURVEY RESULTS  
FY 2006 THRU FY 2008  
Revision Effective Date: May 6, 2005

| PROJECT   | PHASE | FY 2006            |                      |                    | FY 2007            |                      |                    | FY 2008            |                      |                    | HIGH  |                   |         |       |         | MEDIUM |                   |         |       |         | LOW   |                   |         |       |         |
|---|-------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|-------|-------------------|---------|-------|---------|--------|-------------------|---------|-------|---------|-------|-------------------|---------|-------|---------|
|   |       | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL | KING<br>KEKAULIKE | KAHULUI | KIHEI | LAHAINA | TOTAL  | KING<br>KEKAULIKE | KAHULUI | KIHEI | LAHAINA | TOTAL | KING<br>KEKAULIKE | KAHULUI | KIHEI | LAHAINA |
| Mill Street Traffic Signal at Ima Kala Street                 | PLN   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | ROW   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | DES   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    |                    |                      |                    | 350                | 240                  | 110                | 2     |                   | 1       |       | 1       | 0      |                   |         |       |         | 5     | 2                 |         | 2     | 1       |
| North-South Collector Road                                    | PLN   |                    |                      |                    | 100                |                      | 100                |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
| Kaonolu Street to Waipulani Road                              | CON   |                    |                      |                    | 11,500             | 8,000                | 3,500              |                    |                      |                    | 7     |                   | 1       | 6     |         | 3      | 1                 |         |       |         | 2     | 3                 | 1       |       | 1       |
| North-South Collector Road                                    | PLN   | 200                |                      | 200                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
| Lipoa Street to Auhana Street                                 | CON   | 13,800             | 9,600                | 4,200              |                    |                      |                    |                    |                      |                    | 8     | 1                 | 1       | 6     |         | 3      | 1                 |         |       |         | 2     | 1                 |         |       | 1       |
| North-South Collector Road                                    | PLN   |                    |                      |                    | 100                |                      | 100                |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
| Uwapa Road to Kaonolu Street                                  | ROW   |                    |                      |                    | 200                |                      | 200                |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | DES   |                    |                      |                    | 400                |                      | 400                |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    |                    |                      |                    | 6,000              | 4,800                | 2,100              | 7     |                   | 1       | 6     |         | 3      |                   |         |       |         | 3     | 2                 | 2       |       |         |
| South Kihei Road Improvements                                 | ROW   |                    |                      |                    | 300                |                      | 300                |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
| Lipoa Street to Kulanihaka Street                             | CON   |                    |                      |                    |                    |                      |                    | 13,500             | 7,200                | 6,300              | 8     |                   | 1       | 6     | 1       | 4      | 2                 |         |       |         | 2     | 1                 |         |       | 1       |
| South Kihei Road Traffic Signal at Keonekai Road              | PLN   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | ROW   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | DES   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    | 350                | 240                  | 110                |                    |                      |                    | 3     |                   | 1       |       | 2       | 0      |                   |         |       |         | 10    | 3                 |         | 6     | 1       |
| Waipulani Bikeway   | PLN   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | DES   |                    |                      |                    | 150                |                      | 150                |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    | 1,700              | 1,200                | 500                |                    |                      |                    | 6     |                   | 1       | 5     |         | 2      | 1                 |         |       |         | 1     | 3                 | 1       |       | 1       |
| Wakea Avenue Traffic Signal at Hina Avenue                    | PLN   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | ROW   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | DES   |                    |                      |                    | 50                 |                      | 50                 |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    |                    |                      |                    | 350                | 240                  | 110                | 2     |                   | 1       |       | 1       | 2      |                   | 1       | 1     |         | 6     | 2                 |         | 3     | 1       |
| <b>MAUI : COUNTY OF MAUI - FHWA TOTAL</b>                     |       | <b>24,520</b>      | <b>15,936</b>        | <b>8,584</b>       | <b>36,530</b>      | <b>22,904</b>        | <b>13,626</b>      | <b>36,080</b>      | <b>22,904</b>        | <b>13,176</b>      |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
| <b>MAUI : STATE - FTA</b>                                     |       |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
| Lahaina Small Boat Harbor - Ferry Pier Improvements           | DES   | 625                | 500                  | 125                |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   | 5,625              | 4,500                | 1,125              |                    |                      |                    |                    |                      |                    | 9     | 1                 | 2       | 1     | 5       | 2      | 2                 |         |       |         | 1     |                   |         | 1     |         |
| Manele Small Boat Harbor - Ferry Pier & Landside Improvements | DES   |                    |                      |                    | 625                | 500                  | 125                |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
|   | CON   |                    |                      |                    | 3,375              | 2,700                | 675                |                    |                      |                    | 3     |                   | 1       |       | 2       | 3      | 1                 | 1       | 1     |         | 2     | 2                 |         |       |         |
| <b>MAUI : STATE - FTA TOTAL</b>                               |       | <b>6,250</b>       | <b>5,000</b>         | <b>1,250</b>       | <b>4,000</b>       | <b>3,200</b>         | <b>800</b>         | <b>0</b>           | <b>0</b>             | <b>0</b>           |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
| <b>COUNTY OF MAUI - FTA</b>                                   |       |                    |                      |                    |                    |                      |                    |                    |                      |                    |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |
| Non-Urbanized Area Formula                                    | OPR   | 612                | 306                  | 306                | 630                | 315                  | 315                | 646                | 323                  | 323                | 1     | 1                 |         |       |         | 0      |                   |         |       |         | 0     |                   |         |       |         |
| <b>MAUI : COUNTY OF MAUI - FTA TOTAL</b>                      |       | <b>612</b>         | <b>306</b>           | <b>306</b>         | <b>630</b>         | <b>315</b>           | <b>315</b>         | <b>646</b>         | <b>323</b>           | <b>323</b>         |       |                   |         |       |         |        |                   |         |       |         |       |                   |         |       |         |

Thank you for completing this survey. Your input helps to inform us about transportation issues that are important to you, the public.  
Please return this form to us at the end of the night or mail it or fax it to:

Ronald Tsuzuki, Head Planning Engineer  
State Department of Transportation  
Highways Division  
969 Punchbowl Street, Room 301  
Honolulu, Hawaii 96813  
Fax: 808-587-1787

Email: [hwy.stip.projects@hawaii.gov](mailto:hwy.stip.projects@hawaii.gov)  
DOT Website: <http://www.hawaii.gov/dot/stip/stip/index.htm>

**PLEASE COMPLETE AND RETURN BY - FRIDAY, JUNE 10, 2005**

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : K A U A I P R O J E C T S S U R V E Y - I S L A N D W I D E R E S U L T S  
FY 2006 THRU FY 2008  
Revision Effective Date: May 6, 2005

| PROJECT  | PHASE | FY 2006            |                      |                    | FY 2007            |                      |                    | FY 2008            |                      |                    | PLEASE RANK IN ORDER OF<br>H - High, M - Medium, L - Low | HIGH | MEDIUM | LOW |
|--|-------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--|------|--------|-----|
|  |       | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |  |      |        |     |
| KAUAI : STATE - FHWA   |       |                    |                      |                    |                    |                      |                    |                    |                      |                    |  |      |        |     |
| Guardrail and Shoulder Improvements at Various Locations, Kauai                      | DES   | 100                | 80                   | 20                 |                    |                      |                    |                    |                      |                    |  |      |        |     |
|  | CON   | 900                | 720                  | 180                |                    |                      |                    |                    |                      |                    |  | 4    | 3      | 5   |
| Kapule Highway Intersection Improvements at Rice Street                              | CON   | 2,000              | 1,600                | 400                |                    |                      |                    |                    |                      |                    |  | 2    | 6      | 3   |
| Kapule Highway/Rice Street/Waapa Road Improvements and Nawiliwili Bridge Replacement | ROW   |                    |                      |                    | 800                | 640                  | 160                |                    |                      |                    |  |      |        |     |
|  | DES   |                    |                      |                    | 700                | 560                  | 140                |                    |                      |                    |  | 1    | 5      | 6   |
| Kaunualii Highway Intersection Improvements at Halewili Road, Eleele                 | CON   |                    |                      |                    |                    |                      |                    | 300                | 240                  | 60                 |  |      | 5      | 7   |
| Kaunualii Highway Improvements, Rice Street to Puhi Road, Phase 1A                   | CON   |                    |                      |                    | 25,250             | 20,200               | 5,050              |                    |                      |                    |  | 8    | 3      | 2   |
|  |       |                    |                      |                    | 6,250              | 5,000                | 1,250              |                    |                      |                    |  |      |        |     |
| Kaunualii Highway Improvements, Vicinity of Puhi Road to Huleia Bridge               | DES   |                    |                      |                    |                    |                      |                    | 4,500              | 3,600                | 900                |  | 10   | 3      | 2   |
| Kaunualii Highway, Rehabilitation of Omao Bridge                                     | ROW   |                    |                      |                    | 125                | 100                  | 25                 |                    |                      |                    |  |      |        |     |
|  | CON   |                    |                      |                    |                    |                      |                    | 6,280              | 5,024                | 1,256              |  | 4    | 3      | 4   |
| Kuhio Highway Intersection Improvements at Mailihuna Road                            | CON   |                    |                      |                    |                    |                      |                    | 500                | 400                  | 100                |  | 4    | 2      | 5   |
| Kuhio Highway - Papaloa Road Couplet Wailua to Kapaa                                 | PLN   | 100                | 80                   | 20                 |                    |                      |                    |                    |                      |                    |  |      |        |     |
|  | ROW   |                    |                      |                    | 200                | 160                  | 40                 |                    |                      |                    |  |      |        |     |
|  | DES   |                    |                      |                    | 150                | 120                  | 30                 |                    |                      |                    |  |      |        |     |
|  | CON   |                    |                      |                    |                    |                      |                    | 3,000              | 2,400                | 600                |  | 8    | 1      | 6   |
| Kuhio Highway, Pouli Road Connection   | ROW   |                    |                      |                    | 1,000              | 800                  | 200                |                    |                      |                    |  |      |        |     |
|  | CON   |                    |                      |                    |                    |                      |                    | 3,300              | 2,640                | 660                |  | 11   | 5      | 1   |
| Kuhio Highway, Wailua River Plantation Bridge Widening                               | CON   |                    |                      |                    |                    |                      |                    | 10,000             | 8,000                | 2,000              |  | 14   | 1      | 2   |
| Kuhio Highway, Kapaia Bridge Replacement   | ROW   |                    |                      |                    | 750                | 600                  | 150                |                    |                      |                    |  |      |        |     |
|  | CON   |                    |                      |                    |                    |                      |                    | 4,033              | 3,226                | 807                |  | 1    | 4      | 6   |
| Kuhio Highway, Replacement of Wainiha Bridges  | CON   | 25,000             | 20,000               | 5,000              |                    |                      |                    |                    |                      |                    |  | 2    | 4      | 6   |



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : K A U A I P R O J E C T S S U R V E Y - I S L A N D W I D E R E S U L T S  
FY 2006 THRU FY 2008  
Revision Effective Date: May 6, 2005

| PROJECT  | PHASE | FY 2006            |                      |                    | FY 2007            |                      |                    | FY 2008            |                      |                    | PLEASE RANK IN ORDER OF<br>H - High, M - Medium, L - Low | HIGH | MEDIUM | LOW |
|--|-------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--|------|--------|-----|
|  |       | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |  |      |        |     |
| Kuhio Highway  | DES   | 1,750              | 1,400                | 350                |                    |                      |                    |                    |                      |                    |  |      |        |     |
| Replacement of Waioli, Waipa and Waikoko Stream Bridges                          | ROW   |                    |                      |                    | 650                | 520                  | 130                |                    |                      |                    |  | 2    | 2      | 8   |
| Kuhio Highway Widening   | CON   |                    |                      |                    | 2,200              | 1,760                | 440                |                    |                      |                    |  |      |        |     |
| Wailua Bridge to Papaloa Road  |       |                    |                      |                    |                    |                      |                    |                    |                      |                    |  | 13   | 3      |     |
| Kuhio Highway improvements, Hanamaulu to Kapaa                                   | DES   |                    |                      |                    | 4,000              | 3,200                | 800                |                    |                      |                    |  | 12   | 5      |     |
| Nawiliwili Road Bikeway, Kaunualii Highway to Waapa Road                         | CON   |                    |                      |                    | 540                | 430                  | 110                |                    |                      |                    |  | 3    | 4      | 5   |
| <b>KAUAI : STATE - FHWA TOTAL</b>  |       | <b>29,850</b>      | <b>23,880</b>        | <b>5,970</b>       | <b>42,615</b>      | <b>34,090</b>        | <b>8,525</b>       | <b>31,913</b>      | <b>25,530</b>        | <b>6,383</b>       |  |      |        |     |
| <b>COUNTY OF KAUAI - FHWA</b>  |       |                    |                      |                    |                    |                      |                    |                    |                      |                    |  |      |        |     |
| ADA Priority 2 Curb Ramps & Sidewalks  | CON   | 4,000              | 3,200                | 800                |                    |                      |                    |                    |                      |                    |  | 4    | 6      | 3   |
| Ahukini to Lydgate Park Bike/Pedestrian Path                                     | ROW   | 500                | 500                  |                    |                    |                      |                    |                    |                      |                    |  |      |        |     |
| (Phase IV of the Lihue-Anahola Coastal Bike Path, Bike Plan Hawaii, April 1994)  | CON   | 6,250              | 6,250                |                    |                    |                      |                    |                    |                      |                    |  | 7    | 2      | 5   |
| Bridge Inspection and Appraisal  | DES   |                    |                      |                    | 125                | 100                  | 25                 |                    |                      |                    |  | 6    | 3      | 3   |
| Hardy Street Safety Improvements   | DES   | 100                | 80                   | 20                 |                    |                      |                    |                    |                      |                    |  |      |        |     |
|  | CON   |                    |                      |                    | 3,900              | 3,120                | 780                |                    |                      |                    |  | 2    | 6      | 4   |
| Kamalu Road Bridge   | PLN   | 200                | 160                  | 40                 |                    |                      |                    |                    |                      |                    |  | 1    | 5      | 4   |
| Kilauea Bridge   | CON   | 5,000              | 4,000                | 1,000              |                    |                      |                    |                    |                      |                    |  | 2    | 5      | 5   |
| Kokee Road Improvements  | PLN   |                    |                      |                    |                    |                      |                    | 250                | 200                  | 50                 |  | 5    | 4      | 3   |
| Koloa Road Full Depth Reclamation (FDR)  | DES   |                    |                      |                    | 500                | 400                  | 100                |                    |                      |                    |  |      |        |     |
|  | CON   |                    |                      |                    |                    |                      |                    | 3,000              | 2,400                | 600                |  | 4    | 2      | 3   |
| Kuna Bay to Anahola Bike/Pedestrian Path   | CON   | 3,000              | 3,000                |                    |                    |                      |                    |                    |                      |                    |  |      |        |     |
| (Phase V of the Lihue-Anahola Coastal Bike Path, Bike Plan Hawaii, April 1994)   |       |                    |                      |                    |                    |                      |                    |                    |                      |                    |  | 6    | 2      | 5   |
| Lydgate Park to Kapaa Bike/Pedestrian Path                                       | CON   | 3,000              | 3,000                |                    |                    |                      |                    |                    |                      |                    |  |      |        |     |
| (Phase III of the Lihue-Anahola Coastal Bike Path, Bike Plan Hawaii, April 1994) |       |                    |                      |                    |                    |                      |                    |                    |                      |                    |  | 7    | 1      | 6   |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : K A U A I P R O J E C T S S U R V E Y - ISLANDWIDE RESULTS  
FY 2006 THRU FY 2008  
Revision Effective Date: May 6, 2005

| PROJECT  | PHASE | FY 2006            |                      |                    | FY 2007            |                      |                    | FY 2008            |                      |                    | PLEASE RANK IN ORDER OF<br>H - High, M - Medium, L - Low | HIGH | MEDIUM | LOW |
|--|-------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--------------------|----------------------|--------------------|--|------|--------|-----|
|  |       | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000) | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |  |      |        |     |
| Maluhia Road Improvements  | ROW   |                    |                      |                    |                    |                      |                    | 150                | 120                  | 30                 |  |      |        |     |
|  | DES   |                    |                      |                    |                    |                      |                    | 700                | 560                  | 140                |  | 3    | 6      | 3   |
| Nawiliwili to Ahukini Bike/Pedestrian Path   | PLN   | 500                | 500                  |                    |                    |                      |                    |                    |                      |                    |  |      |        |     |
| (Phase VI of the Lihue-Anahola Coastal Bike Path,<br>Bike Plan Hawaii, April 1994)                         | ROW   |                    |                      |                    | 500                | 500                  |                    |                    |                      |                    |  |      |        |     |
|  | CON   |                    |                      |                    |                    |                      |                    | 6,000              | 6,000                |                    |  | 5    | 3      | 5   |
| Northerly Leg of the Western Bypass Road   | PLN   |                    |                      |                    | 500                | 400                  | 100                |                    |                      |                    |  | 8    |        | 1   |
| Resurfacing of Oloheua Road (Collector Road)   | DES   |                    |                      |                    |                    |                      |                    | 15                 | 12                   | 3                  |  |      |        |     |
|  | CON   |                    |                      |                    |                    |                      |                    | 544                | 435                  | 109                |  | 10   | 4      | 2   |
| Resurfacing of Kokee Road (Collector Road)   | DES   | 10                 | 8                    | 2                  |                    |                      |                    |                    |                      |                    |  |      |        |     |
|  | CON   | 690                | 552                  | 138                |                    |                      |                    |                    |                      |                    |  | 6    | 4      | 3   |
| Resurfacing of Puhi Rd, Kukui St, Ulu St, Waimea Rd,<br>Hanapepe Rd, Weke Rd, and Aku Rd (Collector Roads) | DES   |                    |                      |                    | 15                 | 12                   | 3                  |                    |                      |                    |  |      |        |     |
|  | CON   |                    |                      |                    | 490                | 392                  | 98                 |                    |                      |                    |  | 4    | 6      | 3   |
| Puuopae Bridge Replacement-Kalama Stream   | PLN   |                    |                      |                    |                    |                      |                    | 20                 | 16                   | 4                  |  |      |        |     |
|  | DES   |                    |                      |                    |                    |                      |                    | 130                | 104                  | 26                 |  | 2    | 6      | 4   |
| <b>KAUAI : COUNTY OF KAUAI - FHWA TOTAL</b>  |       | <b>23,250</b>      | <b>21,250</b>        | <b>2,000</b>       | <b>6,030</b>       | <b>4,924</b>         | <b>1,106</b>       | <b>10,809</b>      | <b>9,847</b>         | <b>962</b>         |  |      |        |     |
| <b>COUNTY OF KAUAI - FTA</b>   |       |                    |                      |                    |                    |                      |                    |                    |                      |                    |  |      |        |     |
| Non-Urbanized Area Formula   | OPR   | 612                | 306                  | 306                | 630                | 315                  | 315                | 646                | 323                  | 323                |  |      | 2      | 1   |
| <b>KAUAI : COUNTY OF KAUAI - FTA TOTAL</b>   |       | <b>612</b>         | <b>306</b>           | <b>306</b>         | <b>630</b>         | <b>315</b>           | <b>315</b>         | <b>646</b>         | <b>323</b>           | <b>323</b>         |  |      |        |     |

Thank you for completing this survey. Your input helps to inform us about transportation issues that are important to you, the public.  
Please return this form to us at the end of the night or mail it or fax it to:

Ronald Tsuzuki, Head Planning Engineer  
State Department of Transportation  
Highways Division  
869 Punchbowl Street, Room 301  
Honolulu, Hawaii 96813

Email: [hwy.stip.projects@hawaii.gov](mailto:hwy.stip.projects@hawaii.gov)  
DOT Website: <http://www.hawaii.gov/dot/stp/stip/index.htm>

**PLEASE COMPLETE AND RETURN BY - FRIDAY, JUNE 10, 2005**

Fax: 808-587-1787

## **V. Title VI/Environmental Justice Analysis**



## **V. Title VI – Environmental Justice Analysis**

### Background

Title VI of the Civil Rights Act of 1964 states that “No person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of or be subjected to discrimination under any program or activity receiving Federal financial assistance.” Title VI bars intentional discrimination as well as disparate impact discrimination (i.e., a neutral policy or practice that has a disparate impact on protected groups).

The Environmental Justice Order, signed by President Clinton in February 1994, (Executive Order 12898) further amplifies Title VI by providing that “each Federal agency shall make achieving environmental justice part of its mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of its programs, policies and activities on minority and low-income populations.”

### Defining Minority Populations and Low-Income

DOT reports to FHWA on the benefits of its programs and activities in the racial categories of Asian, Black, Native Hawaiian or Other Pacific Islander, American Indian and Alaska Native, and White. Although the White race is the majority for the entire United States, the State of Hawaii has no racial majority, so every race and ethnic group can be considered a minority.

The State DOT Title VI Plan states that the following racial categories and sub-categories should be used to analyze the benefits of transportation improvements.

Asian – Japanese, Chinese, Filipino, Korean  
Hawaiian (including Part Hawaiian)  
Pacific Islander – Samoan, Tongan, Micronesian  
Black  
Native American  
White

### Low Income:

Poverty is a leading indicator of income. The poverty guidelines are the federal poverty measure. They are used each year in the Federal Register by the Department of Health and Human Services (HHS). The guidelines are a simplification of the poverty thresholds for use for administrative purposes – for instance, determining financial eligibility for certain federal programs. For Hawaii in 2005, the poverty guideline for a family of four is \$22,260 annual income. Note that the poverty guideline for Hawaii differs from the 48

contiguous states. Updates on the poverty guidelines for Hawaii can be obtained at the HSS website:

<http://aspe.hhs.gov/poverty/05poverty.shtml>.

The State DOT Title VI Plan outlines the compliance responsibilities and Title VI/EJ considerations for the planning process and all other program areas.

### Evaluation Parameters

Utilizing Maps obtained from the Department of Business and Economic Development, Tourism's Office of Planning (OP), locations of each minority group and low-income populations have been identified statewide. A transparency of the locations of STIP projects for each county has been included to overlay as a reference. Project effects on identified T6/EJ populations were evaluated by breaking the projects into five categories.

The following is a color identification code for the overlay:

Green - System Preservation  
Purple - Safety  
Brown - Congestion Mitigation  
Red – Modernization  
Orange – Enhancement

Each minority group and low-income population was separately analyzed statewide to determine any inequities based on the following performance measures:

- Safety Equity - Is there project equity programmed in the STIP to address roadway safety in target population areas?
- Displacement - Could there be significant Right-of-Way impacts in the target population areas?
- Equity - Is there an equitable distribution of Transportation investment benefits (as share of benefits) to the target population areas?
- Mobility - How do these projects impact mobility of the target populations?  
(In general, all projects can have some degree of positive effect on the mobility of all populations)

Focus of the analysis was directed on locations where *relatively* high concentrations of each minority or low-income population were found. Also, in general, all road projects promote safety, but may not specifically be labeled as a safety project. Therefore, for the purpose of this analysis, all projects, except for projects categorized as enhancement projects, were considered safety projects.

## Analysis

### ***Japanese:***

Safety Equity: Yes. Except for the Hawaii Kai Area of Oahu (where much infrastructure development has recently occurred), it appears that in concentrations of Japanese populations, there are a number of projects that were categorized as “safety”.

Displacement: Yes. There may be a potential for significant R/W taking in Central Oahu, Pearl City, Aiea and the Ewa Plains of Oahu where concentrations of Japanese populations are located. Some modernization projects in these areas may have a potential for R/W take, though it is difficult to determine exact perceived project level impacts, if any, without the results of the project specific environmental studies.

Equity: Yes. Except for the Hawaii Kai area of Oahu (where much infrastructure development has recently occurred), there are no areas of concentrations of Japanese populations where there are no projects programmed.

Mobility: In general, it can be concluded that mobility for areas of concentrations of Japanese populations will increase as there appears to statewide project equity for these populations.

### ***Chinese:***

Safety Equity: It can be generalized, from the mapped locations, that concentrations of Chinese populations are similarly distributed as the Japanese; therefore the same conclusions for Japanese populations can be applied.

Displacement: Yes. See displacement analysis for Japanese

Equity: Yes.

Mobility: It is probable that mobility will increase.

### ***Filipino:***

Safety Equity: No. There does not appear to be any 06-08 STIP projects categorized as “safety” projects programmed in the following areas where there are concentrations of Filipino populations: NW Oahu, SE areas of the Big Island and all of Lanai, where 63% of the population is Filipino.

Displacement: Yes. See Displacement analysis for Japanese.

Equity: No. No 06-08 STIP projects are programmed for NW Oahu and the SE side of the Big Island and anywhere on Lanai. There are concentrations of Filipino populations located there.

Mobility: If there are no existing or future projects of any kind in the aforementioned areas, mobility could be negatively affected.

***Korean:***

Safety Equity: Relative concentrations of Korean populations are located in Central Oahu, Hawaii Kai and Puna/Keaau on the Big Island. All areas have experienced safety project equity.

Displacement: Yes. See displacement analysis for Japanese

Equity: Yes. There appears to be project equity for concentrations of Korean populations.

Mobility: It is probable that mobility will increase.

***Hawaiian:***

Safety Equity: Yes, there appears to be an equitable distribution of safety projects programmed in the 06-08 STIP where there are relative concentrations of Hawaiian populations.

Displacement: Yes, concentrations of Hawaiian populations face a potential for R/W taking in Central Oahu and the Ewa Plains and the NW side of the Big Island because of the potential of Project HS12 (Waimea Bypass) for displacements. A detailed analysis will also be conducted during the planning phase of this project.

Equity: Yes there appears to be an equitable distribution of 06-08 STIP projects where there are relative concentrations of Hawaiians.

Mobility: Mobility for these concentrations of Hawaiian populations should increase with the 06-08 STIP projects programmed.

***Samoan:***

Safety Equity: Yes.

Displacement: No.

Equity: Yes.

Mobility: It is probable that mobility will increase with the 06-08 STIP projects programmed.

***Tongan:***

Safety Equity: Yes.

Displacement: No. Concentrations of Tongan populations are not located where there is a high probability for R/W impacts.

Equity: Yes.

Mobility: Mobility should be increased with the eventual implementation of 06-08 STIP projects.

***Micronesian:***

Safety Equity: Yes. There appears to be safety equity for identified relative concentrations of Micronesians with the 06-08 STIP projects programmed.

Displacement: Yes. Relative concentrations of Micronesians are located near the Waimea Bypass project where there is a probability for R/W impacts.

Equity: Yes. There appears to be safety equity for identified relative concentrations of Micronesians with the 06-08 STIP projects programmed.

Mobility: Mobility should be increased with the eventual implementation of the 06-08 STIP projects.

***Black:***

Safety Equity: No.

Displacement: No.

Equity: No.

Mobility: If there are no future or existing transportation projects in the identified areas of relative concentrations of Blacks, local mobility could be negatively affected.

Note: Concentrations of Black populations are located in military installations (Kaneohe Marine Corps Base, Schofield Barracks and Pearl Harbor area). There are no State or County jurisdiction infrastructures located in these areas; therefore typical STIP projects are not located there.

***Native American:***

Safety Equity: No. There does not appear to be any 06-08 STIP projects categorized as “safety” projects programmed in the following areas where there are concentrations of Native American populations: NE areas of Maui.

Displacement: No. No major ROW impacts from programmed 06-08 STIP projects are anticipated.

Equity: No. There does not appear to be any 06-08 STIP projects programmed in the following areas where there are concentrations of Native American populations: NE areas of Maui

Mobility: If there are no future or existing transportation projects in the identified areas of relative concentrations of Native Americans, local mobility could be negatively affected.

***White:***

Safety Equity: Yes. There does appear to be 06-08 STIP projects categorized as “safety” projects programmed.

Displacement: No. Concentrations of White populations are not located where there is a high probability for R/W impacts.

Equity: Yes. There does appear to be equity for concentrations of white populations with the 06-08 STIP projects programmed.

Mobility: Mobility should be increased with the eventual implementation of the 06-08 STIP projects.

***Low-Income:***

Safety Equity: Yes. There does appear to be 06-08 STIP projects categorized as “safety” projects programmed.

Displacement: No. Concentrations of Low-Income populations are not located where there is a high probability for R/W impacts.

Equity: Yes. There does appear to be equity for concentrations of low-income populations with the 06-08 STIP projects programmed.

Mobility: Mobility should be increased with the eventual implementation of the 06-08 STIP projects.

## Conclusions

Through an expanded public involvement process and the implementation of the dynamic process based on the defined parameters described above, the STIP was found to provide equitable treatment of the low income areas and areas of race and race subgroup concentration. This conclusion took into account the limited scope (three-year window with limited funding) and purpose (an implementation plan) of the STIP.

The STIP is essentially the dynamic implementation of the Hawaii Statewide Transportation Plan (HSTP) and the Counties' Long Range Land Transportation Plans (LRLTP) and is based on the priorities, needs, goals and objectives identified in them. STIP Projects not specifically named in the HSTP and LRLTPs are consistent with goals and objectives and are also based on prioritized need and project status. The status, or implementation readiness, of a project is an important factor to consider when a project is placed on the STIP. The STIP needs to be amended periodically to take project status into account.

There are many State and County programs that identify specific transportation needs/priorities such as safety (safety improvement programs based on accident data and number of public complaints), system preservation (bridge and pavement management systems that evaluate bridge and pavement conditions) and congestion management (traffic data collected helps to identify the most congested areas). These priorities, once developed, are implemented through the STIP, when applicable. Though not all projects pursue federal funds and may not necessarily appear in the STIP. Through the normal STIP development and amendment process, these needs are filled in time (though perhaps not within the three-year window), as prescribed by these management systems, as well as needs identified in other planning and traffic circulation studies, though not necessarily through the STIP. Also, projects, in different stages, may already have been previously funded that could address different needs in different areas. These past funding obligations would also not show up in the current STIP.

Because the scope of the STIP is focused in a three-year period and is financially limited, T6/EJ analysis at the planning level will be addressed in further detail earlier in the overall planning process during the development of individual Counties' LRLTPs, short range plans (when developed) and the HSTP. EJ/T6 analysis at the implementation level will also be further addressed in more detail at the individual project level.

## **VI. Prioritization and Selection of Projects**



## **VI. PRIORITIZATION AND SELECTION OF PROJECTS**

The selection of projects and programs for inclusion in the STIP underwent a two-step process. First a financially unconstrained list of projects was developed statewide. STIP procedures require that each project:

1. Meets the eligibility criteria to qualify for the federal funding category identified in the STIP;
2. Complies with obligational requirements in compliance with AASHTO standards;
3. Reflects priorities set by adopted long-range regional transportation plans and established management systems;
4. Has a committed local match or reasonable expectation thereof at the time of obligation;
5. Meets obligational requirements by the end of the programmed federal fiscal year;
6. Reflects administrative guidelines and directives developed at the national, state and local levels as appropriate.

Projects were prioritized based upon the feasibility of implementation during the program year and upon project phasing/coordination factors. The status of legislation and appropriation of local matching funds; the status of any analyses, environmental clearances, permits or approvals that may be required; and the availability of both public and private sector resources needed to implement the STIP are considered. Programs and projects relating to safety and those that continue to work on previously approved and initiated efforts are given high priority. Generally, priority 1 projects are programmed in the first year; priority 2 in year two; and priority 3 in year three.

Specifically for FHWA funded projects, a project evaluation methodology was created as a tool to look at the status of STIP projects and help to develop a feel for the priority each project has. Criteria were developed to compare projects in five separate categories; System Preservation projects, Safety projects, Congestion Mitigation projects, Modernization projects, and Enhancement projects. Slightly different criteria were applied to projects on the TIP verses projects throughout the rest of the state. Projects on Oahu have some requirements put on them that do not yet apply to projects in the rest of the state. Also, project impact information is more readily accessible for TIP projects.

All projects were subjected to criteria based on eligibility requirements described above. Relevant criteria for the separate categories of projects were used to further assess each project. See attached Project Evaluation Criteria for TIP projects and neighbor island projects. Results of this evaluation, compiled in a chart form are also attached.

Note: Some projects listed as Statewide in the STIP didn't fit into one of the five categories of projects and were not evaluated.

Note2: The TIP project criteria tool was done by OMPO. TIP project codes were renamed by OMPO to simplify their process. Oahu State projects are listed by OMPO as "S" projects, as opposed to "OS" projects as listed in the STIP. Oahu County projects are listed as "C" projects, as opposed to "OC" projects.

**FYS 2006-2008 TRANSPORTATION IMPROVEMENT PROGRAM  
PROJECT EVALUATION FOR FHWA-FUNDED PROJECTS**

**FINANCIALLY CONSTRAINED TIP APPROVED JULY 20, 2005**

| <b>SYSTEM PRESERVATION<br/>PROJECTS</b> |   | Bridge<br>Replacement<br>Program (State<br>projects) | Bridge<br>Inspection &<br>Appraisal (City<br>projects) | Pavement<br>Management<br>System (State<br>projects) | Roadway<br>Pavement<br>Condition<br>Survey (City<br>projects) | Cost Participation | Project Stage | Gap Closure? | Mandated? | Transit<br>Friendly? | Ready-to-Go? | Local Match<br>Available? | Addresses at<br>least one<br>TEA-21<br>Planning<br>Factor? | Consistent with<br>the Oahu<br>Regional ITS<br>Architecture? | Consistent<br>with the<br>ORTP? |
|---|---|--|--|--|---|--------------------|---------------|--------------|-----------|----------------------|--------------|---------------------------|--|--|---------------------------------|
| S1                                      | Farrington Highway, Bridge Rehabilitation<br>Kaupuni Stream Bridge  | H  | N/A  | N/A  | N/A   | L                  | L             | N            | N         | N                    | Y            | Y                         | Y  | N/A  | Y                               |
| S2                                      | Farrington Highway, Bridge Replacement<br>Maipalaoa Bridge  | H  | N/A  | N/A  | N/A   | L                  | M             | N            | N         | N                    | Y            | Y                         | Y  | N/A  | Y                               |
| S3                                      | Farrington Highway, Bridge Replacement<br>Makaha Bridges #3 and #3A   | H  | N/A  | N/A  | N/A   | L                  | M             | N            | N         | N                    | Y            | Y                         | Y  | N/A  | Y                               |
| S11                                     | Interstate Route H-1, Deck Repair Airport<br>Viaduct, MP 15.73 to MP 18.52  | N/A  | N/A  | H  | N/A   | L                  | M             | N            | N         | N                    | Y            | Y                         | Y  | N/A  | Y                               |
| S15                                     | Interstate Route H-1, Pearl City Viaduct and<br>Waimalu Viaduct Improvements  | N/A  | N/A  | H  | N/A   | L                  | M             | N            | N         | N                    | Y            | Y                         | Y  | Y  | Y                               |
| S16                                     | Interstate Route H-1, Seismic Retrofit,<br>Farrington Hwy, Makakilo Separation and<br>Military Rd Overpass                        | H  | N/A  | N/A  | N/A   | L                  | M             | N            | N         | N                    | Y            | Y                         | Y  | N/A  | Y                               |
| S17                                     | Interstate Route H-1, Seismic Retrofit, Lunalilo-<br>Vineyard On-Ramp   | H  | N/A  | N/A  | N/A   | L                  | M             | N            | N         | N                    | Y            | Y                         | Y  | N/A  | Y                               |
| S19                                     | Interstate Route H-1 and H-2, Destination Sign<br>Upgrade/Replacement   | N/A  | N/A  | N/A  | N/A   | L                  | L             | N            | N         | N                    | Y            | Y                         | Y  | N/A  | Y                               |
| S22                                     | Interstate Route H-2 Rehabilitation, Waipio IC<br>On/Off Ramps, Ka Uka Blvd & Meheula Pkwy<br>Overpasses and Kipapa Stream Bridge | H  | N/A  | N/A  | N/A   | L                  | L             | N            | N         | N                    | Y            | Y                         | Y  | N/A  | Y                               |
| S23                                     | Interstate Route H-3, H-3 Finish, Unit VIIIB  | N/A  | N/A  | N/A  | N/A   | L                  | M             | N            | N         | N                    | Y            | Y                         | Y  | N/A  | Y                               |
| S30                                     | Kamehameha Highway, Bridge Replacement<br>Kaipapau Stream Bridge  | H  | N/A  | N/A  | N/A   | L                  | L             | N            | N         | N                    | Y            | Y                         | Y  | N/A  | Y                               |
| S31                                     | Kamehameha Highway, Bridge Replacement<br>Kaluanui Stream Bridge  | H  | N/A  | N/A  | N/A   | L                  | L             | N            | N         | N                    | Y            | Y                         | Y  | N/A  | Y                               |

| SYSTEM PRESERVATION PROJECTS |   | Bridge Replacement Program (State projects) | Bridge Inspection & Appraisal (City projects) | Pavement Management System (State projects) | Roadway Pavement Condition Survey (City projects) | Cost Participation         | Project Stage | Gap Closure? | Mandated? | Transit Friendly? | Ready-to-Go? | Local Match Available? | Addresses at least one TEA-21 Planning Factor? | Consistent with the Oahu Regional ITS Architecture? | Consistent with the ORTP? |
|------------------------------|---|---|---|---|---|----------------------------|---------------|--------------|-----------|-------------------|--------------|------------------------|--|---|---------------------------|
| S32                          | Kamehameha Highway, Bridge Replacement Kawela Stream Bridge                             | H   | N/A   | N/A   | N/A   | L                          | M             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| S33                          | Kamehameha Highway, Bridge Replacement North Kahana Stream Bridge                       | H   | N/A   | N/A   | N/A   | L                          | M             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| S34                          | Kamehameha Highway, Bridge Replacement South Kahana Stream Bridge                       | H   | N/A   | N/A   | N/A   | L                          | L             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| S35                          | Kamehameha Highway, Bridge Replacement South Punaluu Bridge                             | H   | N/A   | N/A   | N/A   | L                          | M             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| S36                          | Kamehameha Highway, Bridge Replacement Upper Poamoho Stream Bridge                      | H   | N/A   | N/A   | N/A   | L                          | M             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| S37                          | Kamehameha Highway, Bridge Replacement Waiahole Bridge                                  | H   | N/A   | N/A   | N/A   | L                          | M             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| S38                          | Kamehameha Highway, Highway Lighting Improvements MP 20.7 to MP 23.8                    | N/A   | N/A   | N/A   | N/A   | L                          | M             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| S39                          | Kamehameha Highway, In-Bound Cane Haul Road Structure Replacement, Vicinity of Waipahu  | H   | N/A   | N/A   | N/A   | L                          | M             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| S41                          | Kamehameha Highway, Out-Bound Cane Haul Road Structure Replacement, Vicinity of Waipahu | H   | N/A   | N/A   | N/A   | L                          | M             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| S42                          | Kamehameha Highway, Replacement of Kawaihoa Stream Bridge                               | H   | N/A   | N/A   | N/A   | L                          | L             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| S43                          | Kamehameha Highway, Rehabilitation of Laiehoa Stream Bridge                             | H   | N/A   | N/A   | N/A   | L                          | L             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| S44                          | Kamehameha Highway, Rehabilitation of Makaua Stream Bridge                              | H   | N/A   | N/A   | N/A   | L                          | L             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| S45                          | Kamehameha Highway, Rehabilitation of Waikane Stream Bridge                             | H   | N/A   | N/A   | N/A   | L                          | L             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| S46                          | Kamehameha Highway, Rehabilitation of Waipilopilo Stream Bridge                         | H   | N/A   | N/A   | N/A   | L                          | L             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| S47                          | Kamehameha Highway Resurfacing, Interstate Route H-2 to Waihau Street                   | N/A   | N/A   | H   | N/A   | L                          | M             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| C2                           | Bridge Inspection and Appraisal   | N/A   | Y   | N/A   | N/A   | N                          | L             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| C4                           | Hihimanu Street Sidewalk Improvements   | N/A   | N/A   | N/A   | N/A   | Public Lands Discretionary | H             | N            | Y         | N                 | Y            | Y                      | Y  | N/A   | Y                         |
| C8                           | Kapunahala Stream Flood Control Project, Kaneohe, TMK: 4-5-23 & 24                      | N/A   | N/A   | N/A   | N/A   | L                          | H             | N            | Y         | N                 | Y            | N/A                    | Y  | N/A   | Y                         |
| C10                          | Seismic Bridge Retrofit   | N/A   | Y   | N/A   | N/A   | L                          | L             | N            | N         | N                 | Y            | Y                      | Y  | N/A   | Y                         |

| SAFETY PROJECTS |  | Highway Safety Improvement Program | Rockfall Protection Study (State projects) | Cost Participation | Project Stage | Gap Closure? | Mandated? | Transit Friendly? | Ready-to-Go? | Local Match Available? | Addresses at least one TEA-21 Planning Factor? | Consistent with the Oahu Regional ITS Architecture? | Consistent with the ORTP? |
|-----------------|--|------------------------------------|--|--------------------|---------------|--------------|-----------|-------------------|--------------|------------------------|--|---|---------------------------|
| S4              | Farrington Highway Intersection Improvements at Haleakala Avenue                             | H                                  | N/A  | L                  | M             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | W-8                       |
| S5              | Farrington Highway Intersection Improvements at Luualaei Homestead Road                      | H                                  | N/A  | L                  | M             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | W-8                       |
| S6              | Farrington Highway Intersection Improvements at Nanakuli Avenue                              | H                                  | N/A  | L                  | M             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | W-8                       |
| S10             | Guardrail and Shoulder Improvements, Various Locations                                       | H                                  | N/A  | L                  | M             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | Y                         |
| S12             | Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street to Punchbowl Street | H                                  | N/A  | L                  | M             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | Y                         |
| S13             | Interstate Route H-1, Highway Lighting Improvements, Kaimakani OP to Gulick Avenue, Phase I  | H                                  | N/A  | L                  | L             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | Y                         |
| S25             | Kahekili Highway Intersection Improvements in the Vicinity of Hui Iwa Street                 | H                                  | N/A  | L                  | L             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | K-2                       |
| S29             | Kalanianaʻole Highway Improvements, Retaining Wall at Makapuu                                | H                                  | N/A  | L                  | M             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | P-47                      |
| S40             | Kamehameha Highway Intersection Improvements at Kuilima Drive                                | H                                  | N/A  | L                  | L             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | K-15                      |
| S48             | Kamehameha Highway, Rockfall Protection Vicinity of Kahuku                                   | L                                  | H  | L                  | L             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | Y                         |
| S49             | Kamehameha Highway Shoreline Protection  | L                                  | N/A  | L                  | L             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | Y                         |
| S50             | Kamehameha Highway, Shoreline Protection, Vicinity of Kawaihoa Beach                         | L                                  | N/A  | L                  | L             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | Y                         |
| S54             | Moanalua Freeway and Interstate Route H-2 Guardrail and Shoulder Improvements                | H                                  | N/A  | L                  | L             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | Y                         |
| S55             | Moanalua Freeway, Highway Lighting Improvements, MP 0 to 0.73                                | H                                  | N/A  | L                  | M             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | Y                         |
| S56             | Moanalua Freeway, Highway Lighting Improvements, MP 1.12 to 4.09                             | H                                  | N/A  | L                  | M             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | Y                         |
| S57             | Nimitz Highway Intersection Improvements at Valkenburg Street                                | H                                  | N/A  | L                  | L             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | P-23                      |
| S59             | Pali Highway, Castle Junction, Rockfall Protection, Kailua Bound                             | L                                  | H  | L                  | L             | N            | N         | N/A               | Y            | Y                      | Y  | N/A   | Y                         |

| CONGESTION MITIGATION PROJECTS |   | Congestion Management System | Highway Safety Improvement Program | Travel Time or Delay Analysis | Project Location | Cost Participation | Project Stage | Traffic Signal Warrants | Gap Closure? | Mandated? | Transit Friendly? | Ready-to-Go? | Local Match Available? | Addresses at least one TEA-21 Planning Factor? | Consistent with the Oahu Regional ITS Architecture? | Consistent with the ORTP? |
|--------------------------------|---|------------------------------|------------------------------------|-------------------------------|------------------|--------------------|---------------|-------------------------|--------------|-----------|-------------------|--------------|------------------------|--|---|---------------------------|
| S8                             | Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway  | N/A                          | N/A                                | N/A                           | H                | L                  | M             | N/A                     | N/A          | N         | N/A               | Y            | Y                      | Y  | Y   | I-3                       |
| S9                             | Freeway Service Patrols   | N/A                          | N/A                                | N/A                           | H                | L                  | M             | N/A                     | N/A          | N         | N/A               | Y            | Y                      | Y  | Y   | I-3                       |
| S14                            | Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp  | H                            | H                                  | Design details N/A            | M                | L                  | M             | N/A                     | N/A          | N         | N/A               | Y            | Y                      | Y  | N/A   | P-9                       |
| S28                            | Kalanianaʻole Highway Improvements, Olomana Golf Course to Waimanalo Beach Park                               | N/A                          | H                                  | N/A                           | M                | L                  | M             | N/A                     | N/A          | N         | N/A               | Y            | Y                      | Y  | Y   | Y                         |
| S60                            | Traffic Signal Modernization at Various Locations on Oahu (Waialae, Nimitz, Farrington, Pali & Likelike Hwys) | N/A                          | N/A                                | N/A                           | M                | L                  | M             | N/A                     | N/A          | N         | N/A               | Y            | Y                      | Y  | N/A   | Y                         |
| C1                             | Joint Traffic Management Center   | N/A                          | N/A                                | N/A                           | M                | L                  | L             | N/A                     | N/A          | N         | N                 | Y            | Y                      | Y  | Y   | I-3                       |
| C3                             | Computerized Traffic Control System   | N/A                          | N/A                                | N/A                           | M                | L                  | M/H           | N/A                     | N/A          | N         | N                 | Y            | Y                      | Y  | Y   | I-3                       |
| C5                             | Honolulu Traffic Control Center Operations  | N/A                          | N/A                                | N/A                           | M                | L                  | H             | N/A                     | N/A          | N         | N                 | Y            | Y                      | Y  | Y   | I-3                       |
| C11                            | Traffic Signal Maintenance Facility   | N/A                          | N/A                                | N/A                           | M                | L                  | L             | N/A                     | N/A          | N         | N                 | Y            | Y                      | Y  | Y   | I-3                       |
| C12                            | Traffic Signal Optimization, Phase 3  | N/A                          | N/A                                | N/A                           | M                | L                  | L             | N/A                     | N/A          | N         | N                 | Y            | Y                      | Y  | Y   | I-3                       |
| C13                            | Traffic Signals at Various Locations  | N/A                          | N/A                                | N/A                           | M                | L                  | M/H           | Y                       | N/A          | N         | N                 | Y            | Y                      | Y  | Y   | I-3                       |

| <b>MODERNIZATION<br/>PROJECTS</b> |  | Congestion<br>Management<br>System | Highway Safety<br>Improvement<br>Program | Travel Time or<br>Delay<br>Analysis | Project<br>Location | Cost<br>Participation | Project Stage | Gap Closure? | Mandated? | Transit<br>Friendly? | Ready-to-Go? | Local Match<br>Available? | Addresses at<br>least one<br>TEA-21<br>Planning<br>Factor? | Consistent<br>with the Oahu<br>Regional ITS<br>Architecture? | Consistent<br>with the<br>ORTP? |
|-----------------------------------|--|------------------------------------|--|-------------------------------------|---------------------|-----------------------|---------------|--------------|-----------|----------------------|--------------|---------------------------|--|--|---------------------------------|
| S7                                | Fort Barrette Road<br>Widening, Farrington<br>Highway to Barber's Point<br>Gate  | H                                  | N/A                                      | H                                   | M                   | N                     | M             | N            | N         | Y                    | Y            | Y                         | Y  | No ITS<br>Elements   | E-8                             |
| S63                               | Interstate Route H-1,<br>Addition and Modification<br>of Freeway Access,<br>Makalilo IC to Palailai IC<br>(Kapolei IC Complex) | H                                  | N  | Design<br>Details Not<br>Available  | H                   | H                     | L             | N            | N         | N                    | Y            | Y                         | Y  | Not<br>Evaluated   | E-1                             |
| S18                               | Interstate Route H-1<br>Widening, Eastbound,<br>Waiau Interchange to<br>Halawa Interchange                                     | H                                  | N/A                                      | H                                   | H                   | N                     | L             | N            | N         | N                    | Y            | Y                         | Y  | Not<br>Evaluated   | P-7                             |
| S20                               | Interstate Route H-1,<br>Waiawa IC, West-Bound,<br>Additional West-Bound lane  | H                                  | N  | H                                   | H                   | N                     | L             | Y            | N         | N                    | Y            | Y                         | Y  | Not<br>Evaluated   | P-44                            |
| S21                               | Interstate Route H-1,<br>Waiawa IC, Waipahu Off-<br>Ramp Improvements  | H                                  | N  | L                                   | H                   | N                     | L             | N            | N         | N                    | Y            | Y                         | Y  | Not<br>Evaluated   | P-44                            |
| S26                               | Kalaheo Roadway<br>Improvements, Vicinity of<br>Barber's Point Naval Air<br>Station  | N/A                                | N/A                                      | N/A                                 | M                   | N                     | M             | N            | N         | N                    | Y            | Y                         | Y  | No ITS<br>Elements   | E-12                            |
| S27                               | Kalaniana'ole Highway<br>Improvements, Vicinity of<br>Hawaii Kai Drive to Keahole<br>Street                                    | H                                  | N/A                                      | H                                   | M                   | N                     | L             | N            | N         | N                    | Y            | Y                         | Y  | No ITS<br>Elements   | Y                               |
| S53                               | Leeward Community<br>College, 2nd Access<br>Improvements   | H                                  | N/A                                      | L                                   | H                   | N                     | M             | N            | N         | Y                    | Y            | Y                         | Y  | No ITS<br>Elements   | P-14                            |
| S58                               | North/South Road, Vicinity<br>of Farrington Highway to<br>Interstate Route H-1, Phase<br>IB                                    | H                                  | N/A                                      | H                                   | H                   | N                     | H             | Y            | N         | N                    | Y            | Y                         | Y  | No ITS<br>Elements   | E-17                            |
| C6                                | Kamokila Boulevard<br>Extension  | H                                  | N  | H                                   | H                   | N                     | L             | Y            | N         | Y                    | Y            | N                         | Y  | No ITS<br>Elements   | Y                               |
| C7                                | Kapolei Parkway  | H                                  | N  | L                                   | H                   | N                     | M             | Y            | N         | Y                    | Y            | Y                         | Y  | No ITS<br>Elements   | E-13                            |
| C9                                | Makakilo Drive Extension   | H                                  | N  | Design<br>Details Not<br>Available  | H                   | N                     | L             | N            | N         | Y                    | Y            | Y                         | Y  | No ITS<br>Elements   | E-14                            |
| C24                               | Salt Lake Boulevard<br>Widening, Phase 2B  | H                                  | N  | N/A                                 | M                   | N                     | L             | N            | N         | Y                    | Y            | N                         | Y  | No ITS<br>Elements   | P-46                            |

| ENHANCEMENT PROJECTS |   | Enhancement Program | Non-Enhancement Funding    | Cost Participation | Project Stage | Gap Closure? | Mandated?                         | Transit Friendly? | Ready-to-Go? | Local Match Available? | Addresses at least one TEA-21 Planning Factor? | Consistent with the ORTP? |
|----------------------|---|---------------------|----------------------------|--------------------|---------------|--------------|-----------------------------------|-------------------|--------------|------------------------|--|---------------------------|
| S24                  | James Campbell National Wildlife Refuge Improvements (managed by FWS)                       | N/A                 | Congressional earmark      | L                  | M             | N            | Congressional Earmark             | N/A               | Y            | 100% Federally funded  | Y  | Y                         |
| S51                  | Kamehameha Highway Wetland Enhancement, Vicinity of Ukoa Pond                               | N/A                 | H                          | L                  | M             | N            | Y - Mitigation for Haleiwa Bypass | N/A               | Y            | Y                      | Y  | Y                         |
| S52                  | Leeward Bikeway, Phase I, Waipio Point Access Road to Hawaii Railroad Society Train Station | H                   | N/A                        | L                  | M             | N            | N                                 | N/A               | Y            | Y                      | Y  | W-7 & I-1                 |
| C4                   | Hihimanu Street Sidewalk Improvements   | N                   | Public Lands Discretionary | N                  | M             | N            | N                                 | N/A               | Y            | Y                      | Y  | Y                         |



## TRANSIT PROJECTS

Projects transit-related such as:

- Preventative maintenance, bus replacement
- Inter-modal centers
- Bus radios
- Transit centers
- New transit service

| Criteria <sup>1</sup>   | Yes/No |
|---|--------|
| Maintain and Operate existing fixed route bus and complimentary para-transit system   |        |
| Completes multi-phase project that has started  |        |
| Enhances system performance through implementation of hub-and-spoke system            |        |
| Enhances safety/security of passengers and the system, enhances service quality level |        |
| New Transit service   |        |
| In Year 1 budget  |        |
| In Year 2&3 budget  |        |

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<sup>1</sup> Criteria are in ranked order

| TRANSIT PROJECTS |  | Maintains Existing fixed-route/ paratransit | Completes Multi-phase Project | Enhances System Performance with Hub-Spoke System | Enhances Safety/ Security of Passengers | New Transit Service | Year 1 Local Match in Budget? | Year 2-3 Probable Local Match in Budget | Addresses at Least One TEA-21 Planning Factor? | Consistent with the Oahu Regional ITS Architecture? | Consistent with the ORTP? |
|------------------|--|---|-------------------------------|---|---|---------------------|-------------------------------|---|--|---|---------------------------|
| C14              | Alapai Transit Center                        | N/A   | N/A                           | Y   | Y                                       | N/A                 | N/A                           | Y                                       | Y  | Y   | Y                         |
| C15              | Bus & Handi-Van Acquisition Program          | Y   | N/A                           | N/A   | N/A                                     | N/A                 | Y                             | Y                                       | Y  | Y   | P-2b                      |
| C16              | Honolulu High Capacity Transit               | N/A   | N/A                           | Y   | N/A                                     | Y                   | N/A                           | Y                                       | Y  | Y*  | Y                         |
| C17              | Middle Street Intermodal Center              | N/A   | N/A                           | Y   | Y                                       | N/A                 | N/A                           | Y                                       | Y  | Y   | Y                         |
| C18              | Oahu Intra-Island Ferry                      | N/A   | N/A                           | Y   | N/A                                     | Y                   | Y                             | Y                                       | Y  | N/A   | P-3                       |
| C19              | Preventive Maintenance                       | Y   | N/A                           | N/A   | N/A                                     | N/A                 | Y                             | Y                                       | Y  | N/A   | Y                         |
| C20              | Transfer to FHWA for Vanpool                 | N/A   | N/A                           | N/A   | N/A                                     | N/A                 | N/A                           | N/A                                     | Y  | N/A   | Y                         |
| C21              | Transit Radio Replacement Phase III          | N/A   | Y                             | N/A   | Y                                       | N/A                 | Y                             | N/A                                     | Y  | Y   | Y                         |
| C22              | Transit Related Safety and Security Projects | N/A   | N/A                           | N/A   | Y                                       | N/A                 | Y                             | Y                                       | Y  | N/A   | Y                         |
| C23              | Wahiawa Transit Center                       | N/A   | N/A                           | Y   | Y                                       | N/A                 | Y                             | N/A                                     | Y  | Y   | Y                         |

\* Project C16, "Honolulu High Capacity Transit": Depending on the locally-preferred high capacity transit alternatives elected through the Federal Transit Administration's alternatives analysis process, the ORITSA may need to be amended to include various market packages in the "APTS (advanced public transportation system) series. There are eight (8) different APTS market packages, some of which could be added to the ORITSA: transit vehicle tracking (APTS1), transit fixed-route operations (APTS2), transit passenger and fare management (APTS4), multi-modal coordination (APTS7, and transit traveler information (APTS8).

## PROJECT EVALUATION CRITERIA FOR ROADWAY PROJECTS IN THE TRANSPORTATION IMPROVEMENT PROGRAM

### INITIAL CRITERIA FOR ALL PROJECTS

*Criteria that projects have to meet in order to be included in the TIP*

| Criteria  | (Yes/No)   |
|---|--|
| Readiness to Go   | <p style="text-align: center;">Ready to obligate by the end of the federal fiscal year?</p> <p><i>If the project will not be ready to obligate by the end of the federal fiscal year, the project is not eligible for the TIP.</i></p>   |
| Availability of Local Match                                   | <p style="text-align: center;">Is a local match available?</p> <p><i>If a local match is not committed or reasonably expected to be available at the time of obligation, the project is not eligible for the TIP.</i></p>  |
| TEA-21 Planning Factors                                       | <p>Addresses at least one of the following bullets?</p> <ul style="list-style-type: none"> <li>• Supports the economic vitality of the metropolitan area</li> <li>• Increases the safety and security of the transportation system for motorized and non-motorized users</li> <li>• Increases the accessibility and mobility options available to people and for freight</li> <li>• Protects and enhances the environment, promotes energy conservation, and improves the quality of life</li> <li>• Enhances the integration and connectivity of the transportation system, across and between modes throughout the State, for people and for freight</li> <li>• Promotes efficient system management and operation</li> <li>• Emphasizes the preservation of the existing transportation system</li> </ul> |
| Consistency with the Oahu Regional Transportation Plan (ORTP) | <p style="text-align: center;">Is the project included in the ORTP or consistent with the ORTP goals and objectives?</p> <p><i>If the project is neither listed in the ORTP nor consistent with the ORTP goals and objectives, the project is not eligible for the TIP.</i></p>  |

## SYSTEM PRESERVATION PROJECTS

Projects that upgrade and protect Oahu's infrastructure investment, such as:

- pavement resurfacing projects
- bridge projects
- drainage projects
- street light pole replacement projects
- traffic sign projects
- roadway upgrade projects (no additional capacity)
- Intelligent Transportation System (ITS) Projects – see page 7

| Criteria   | High  | Medium   | Low  | Yes/No   |
|--|---|--|--|--|
| Bridge Replacement Program ( <i>State projects</i> )       | Project was identified through DOT's Bridge Replacement Program process     |  | Project did not result from DOT's Bridge Replacement Program process     |  |
| Bridge Inspection and Appraisal ( <i>City projects</i> )   | Project was identified through the City's Bridge Inspection and Appraisal   |  | Project did not result from the City's Bridge Inspection and Appraisal   |  |
| Pavement Management System ( <i>State projects</i> )       | Project was identified through DOT's Pavement Management System process     |  | Project did not result from DOT's Pavement Management System process     |  |
| Roadway Pavement Condition Survey ( <i>City projects</i> ) | Project was identified through the City's Roadway Pavement Condition Survey |  | Project did not result from the City's Roadway Pavement Condition Survey |  |
| Cost Participation   | Private industry funding has been secured                                   | Private industry funding is anticipated                      | Does not include other financial involvement (i.e., private industry)    |  |
| Project Stage  | Phase of the project (planning or design) has already been completed        | Phase of the project (planning or design) is almost complete | The project has not yet begun  |  |
| Gap Closure  |   |  |  | Does the project close a gap or connect missing links in a route?                          |
| Mandated   |   |  |  | Required by federal, state, or municipal laws, regulations, or codes?                      |
| Transit Friendly   |   |  |  | Does the project include improvements to transit facilities such as bus pads and bus bays? |

## SAFETY PROJECTS

Projects that mitigate high accident and hazardous sites, such as:

- guardrail and shoulder improvement projects
- rockfall and slope stabilization projects
- emergency telephone projects
- ITS Projects – see page 7

| Criteria   | High  | Medium   | Low  | Yes/No   |
|--|---|--|--|--|
| Highway Safety Improvement Program ( <i>State and City projects</i> )                          | Project was identified through DOT's Highway Safety Improvement Program process |  | Project did not result from DOT's Highway Safety Improvement Program process |  |
| Rockfall Protection Study at Various Locations on the Island of Oahu ( <i>State projects</i> ) | High potential for rockfall based on DOT's Rockfall Protection Study            | Medium potential for rockfall based on DOT's Rockfall Protection Study | Low potential for rockfall based on DOT's Rockfall Protection Study          |  |
| Cost Participation   | Private industry funding has been secured                                       | Private industry funding is anticipated                                | Does not include other financial involvement (i.e., private industry)        |  |
| Project Stage  | Phase of the project (planning or design) has already been completed            | Phase of the project (planning or design) is almost complete           | The project has not yet begun  |  |
| Gap Closure  |   |  |  | Does the project close a gap or connect missing links in a route?                          |
| Mandated   |   |  |  | Required by federal, state, or municipal laws, regulations, or codes?                      |
| Transit Friendly   |   |  |  | Does the project include improvements to transit facilities such as bus pads and bus bays? |

## CONGESTION MITIGATION PROJECTS

Projects that increase the efficiency of the highway system, such as:

- traffic signal modernization projects
- operational improvement projects
- ITS projects – see page 7

| Criteria  | High  | Medium   | Low   | Yes/No   |
|---|---|--|---|--|
| Congestion Management System<br>(State and City projects)       | Project was identified through OMPO's Congestion Management System process  |  | Project did not result from OMPO's Congestion Management System process   |  |
| Highway Safety Improvement Program<br>(State and City projects) | Project was identified through DOT's Highway Safety Improvement Program process   |  | Project did not result from DOT's Highway Safety Improvement Program process  |  |
| Travel Time or Delay Analysis <sup>1</sup>                      | Travel time savings per day > 1000 hours<br><br><i>In the future - Delay analysis will be used for projects such as intersection improvements, turn lanes, and signal modernizations.</i> | Travel time savings per day <= 1000 hours<br><br><i>In the future - Delay analysis will be used for projects such as intersection improvements, turn lanes, and signal modernizations.</i> | <i>In the future - Delay analysis will be used for projects such as intersection improvements, turn lanes, and signal modernizations.</i> |  |
| Project Location  | Includes a congestion relief component in the leeward corridor of Oahu  | Includes a congestion relief component in other areas of Oahu  |   |  |
| Cost Participation  | Private industry funding has been secured   | Private industry funding is anticipated  | Does not include other financial involvement (i.e., private industry)   |  |
| Project Stage   | Phase of the project (planning or design) has already been completed  | Phase of the project (planning or design) is almost complete   | The project has not yet begun   |  |
| Traffic Signal Warrants   |   |  |   | Traffic signal project meets the criteria in the Traffic Signal Warrants                   |
| Gap Closure   |   |  |   | Does the project close a gap or connect missing links in a route?                          |
| Mandated  |   |  |   | Required by federal, state, or municipal laws, regulations, or codes?                      |
| Transit Friendly  |   |  |   | Does the project include improvements to transit facilities such as bus pads and bus bays? |

<sup>1</sup> Travel Time Savings is measured by Vehicle Hours of Travel (VHT) saved. Total system-wide VHT for a base case is computed. Applicable projects are added one at a time, and VHT is recomputed and compared with the base case to find the travel time savings that could be attributed to that particular project. A project is deleted from the base case before another is added.

## MODERNIZATION PROJECTS

Projects that add capacity to the highway system, such as:

- new highway projects
- widening projects (additional capacity)
- second access projects
- ITS Projects – see page 7

| Criteria  | High  | Medium   | Low   | Yes/No   |
|---|---|--|---|--|
| Congestion Management System  | Project was identified through OMPO's Congestion Management System process  |  | Project did not result from OMPO's Congestion Management System process   |  |
| Highway Safety Improvement Program ( <i>State and City projects</i> ) | Project was identified through DOT's Highway Safety Improvement Program process   |  | Project did not result from DOT's Highway Safety Improvement Program process  |  |
| Travel Time or Delay Analysis <sup>2</sup>                            | Travel time savings per day > 1000 hours<br><br><i>In the future - Delay analysis will be used for projects such as intersection improvements, turn lanes, and signal modernizations.</i> | Travel time savings per day <= 1000 hours<br><br><i>In the future - Delay analysis will be used for projects such as intersection improvements, turn lanes, and signal modernizations.</i> | <i>In the future - Delay analysis will be used for projects such as intersection improvements, turn lanes, and signal modernizations.</i> |  |
| Project Location  | Includes a congestion relief component in the leeward corridor of Oahu  | Includes a congestion relief component in other areas of Oahu  |   |  |
| Cost Participation  | Private industry funding has been secured   | Private industry funding is anticipated  | Does not include other financial involvement (i.e., private industry)   |  |
| Project Stage   | Phase of the project (planning or design) has already been completed  | Phase of the project (planning or design) is almost complete   | The project has not yet begun   |  |
| Traffic Signal Warrants   |   |  |   | Traffic signal project meets the criteria in the Traffic Signal Warrants                   |
| Gap Closure   |   |  |   | Does the project close a gap or connect missing links in a route?                          |
| Mandated  |   |  |   | Required by federal, state, or municipal laws, regulations, or codes?                      |
| Transit Friendly  |   |  |   | Does the project include improvements to transit facilities such as bus pads and bus bays? |

<sup>2</sup> Travel Time Savings is measured by Vehicle Hours of Travel (VHT) saved. Total system-wide VHT for a base case is computed. Applicable projects are added one at a time, and VHT is recomputed and compared with the base case to find the travel time savings that could be attributed to that particular project. A project is deleted from the base case before another is added.

## ENHANCEMENT PROJECTS

Transportation enhancement projects, such as:

- bikeway projects
- landscaping projects
- pedestrian facilities projects

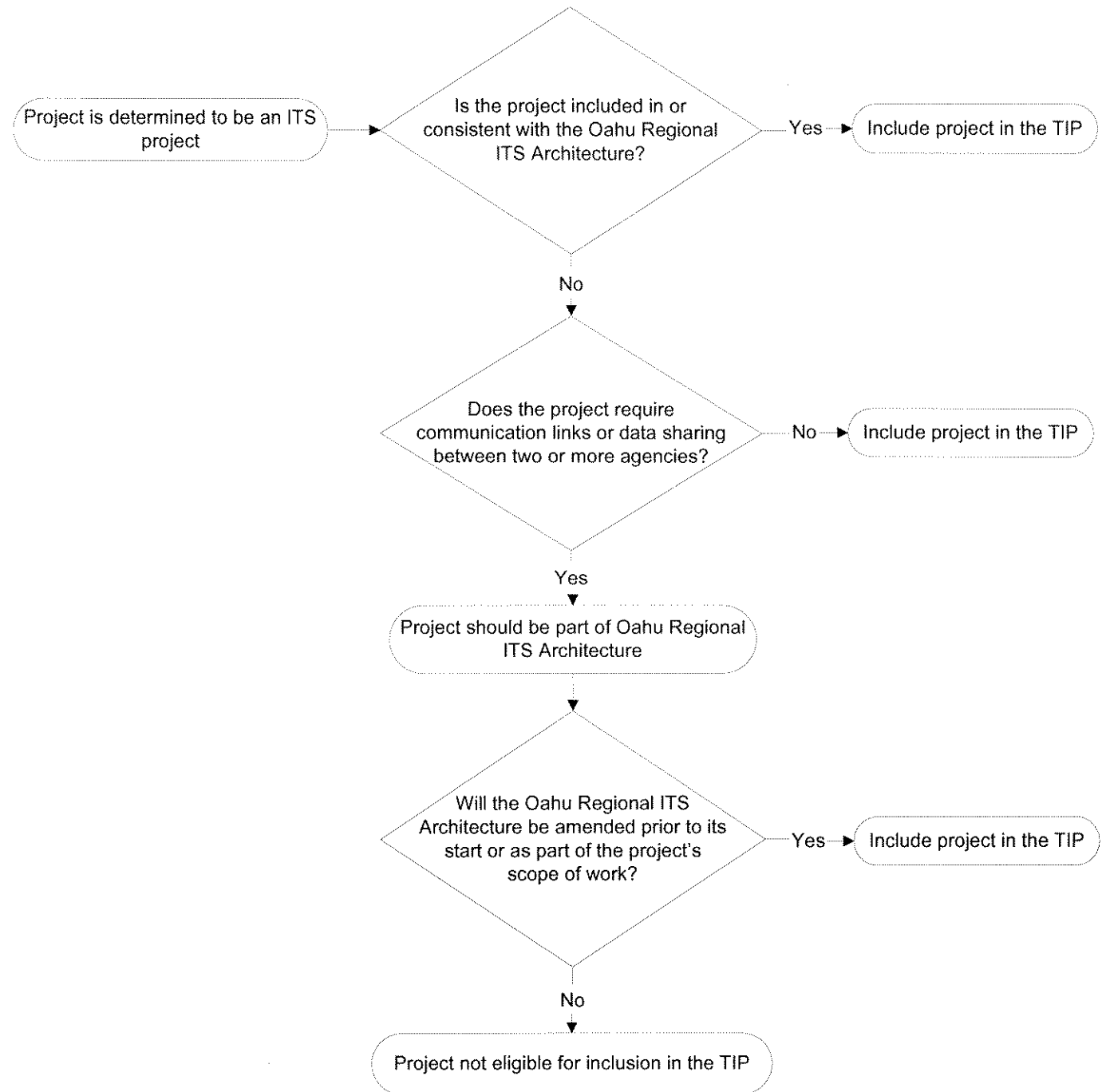
| Criteria  | High  | Medium  | Low  | Yes/No   |
|---|---|---|--|--|
| OMPO Transportation Enhancement Program (for projects funded with Surface Transportation Program (STP) Enhancement funds) | Project was rated high as a result of OMPO's Transportation Enhancement Program process | Project was rated medium as a result of OMPO's Transportation Enhancement Program process | Project was rated low as a result of OMPO's Transportation Enhancement Program process |  |
| Non-enhancement funding (for projects NOT funded with STP Enhancement funds)  | Project was rated high using criteria from OMPO's Transportation Enhancement Program    | Project was rated medium using criteria from OMPO's Transportation Enhancement Program    | Project was rated low using criteria from OMPO's Transportation Enhancement Program    |  |
| Cost Participation  | Private industry funding has been secured   | Private industry funding is anticipated   | Does not include other financial involvement (i.e., private industry)                  |  |
| Project Stage   | Phase of the project (planning or design) has already been completed                    | Phase of the project (planning or design) is almost complete                              | The project has not yet begun  |  |
| Gap Closure   |   |   |  | Does the project close a gap or connect missing links in a route?                          |
| Mandated  |   |   |  | Required by federal, state, or municipal laws, regulations, or codes?                      |
| Transit Friendly  |   |   |  | Does the project include improvements to transit facilities such as bus pads and bus bays? |



## ITS PROJECTS

ITS projects, such as:

- system preservation projects
- safety projects
- congestion mitigation projects
- modernization projects



# **PROJECT EVALUATION CRITERIA FOR ROADWAY PROJECTS IN THE STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP)**

## **INITIAL CRITERIA FOR ALL PROJECTS**

*Criteria that projects have to meet in order to be included in the STIP*

| <b>Criteria</b>                           | <b>(Yes/No)</b>   |
|---|---|
| TEA-21 Planning Factors                   | <p>Addresses at least one of the following bullets?</p> <ul style="list-style-type: none"> <li>• Supports economic vitality</li> <li>• Increases the safety and security of the transportation system for motorized and non-motorized users</li> <li>• Increases the accessibility and mobility options available to people and for freight</li> <li>• Protects and enhances the environment, promotes energy conservation, and improves the quality of life</li> <li>• Enhances the integration and connectivity of the transportation system, across and between modes throughout the State, for people and for freight</li> <li>• Promotes efficient system management and operation</li> <li>• Emphasizes the preservation of the existing transportation system</li> </ul> |
| Consistency Regional Transportation Plans | <p>Is the project included in the Regional Long Range Land?</p>   |

## SYSTEM PRESERVATION PROJECTS

Projects that upgrade and protect infrastructure investments, such as:

- pavement resurfacing projects
- bridge projects
- drainage projects
- street light pole replacement projects
- traffic sign projects
- roadway upgrade projects (no additional capacity)
- Intelligent Transportation System

| Criteria                                   | High   | Medium   | Low   | Yes/No   |
|--|--|--|---|--|
| Bridge Assessment and Replacement Programs | Project was identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection and Appraisal process or other bridge programming system |  | Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection and Appraisal process or other bridge programming system |  |
| Pavement Management Programs               | Project was identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system      |  | Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system      |  |
| Cost Participation                         | Private industry funding has been secured  | Private industry funding is anticipated                      | Does not include other financial involvement (i.e., private industry)   |  |
| Project Stage                              | Phase of the project (planning or design) has already been completed   | Phase of the project (planning or design) is almost complete | The project has not yet begun   |  |
| Gap Closure                                |  |  |   | Does the project close a gap or connect missing links in a route?                          |
| Mandated                                   |  |  |   | Required by federal, state, or municipal laws, regulations, or codes?                      |
| Transit Friendly                           |  |  |   | Does the project include improvements to transit facilities such as bus pads and bus bays? |

## SAFETY PROJECTS

Projects that mitigate high accident and hazardous sites, such as:

- guardrail and shoulder improvement projects
- rockfall and slope stabilization projects
- emergency telephone projects
- ITS Projects

| Criteria                                       | High   | Medium   | Low   | Yes/No   |
|--|--|--|---|--|
| Highway Safety Improvement Program             | Project was identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program |  | Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program |  |
| Rockfall Protection Study at Various Locations | High potential for rockfall based on DOT's Rockfall Protection Study or Location has had past incidents      | Medium potential for rockfall based on DOT's Rockfall Protection Study | Low potential for rockfall based on DOT's Rockfall Protection Study Or location hasn't had past incidents |  |
| Cost Participation                             | Private industry funding has been secured  | Private industry funding is anticipated                                | Does not include other financial involvement (i.e., private industry)                                     |  |
| Project Stage                                  | Phase of the project (planning or design) has already been completed   | Phase of the project (planning or design) is almost complete           | The project has not yet begun   |  |
| Gap Closure                                    |  |  |   | Does the project close a gap or connect missing links in a route?                          |
| Mandated                                       |  |  |   | Required by federal, state, or municipal laws, regulations, or codes?                      |
| Transit Friendly                               |  |  |   | Does the project include improvements to transit facilities such as bus pads and bus bays? |

## CONGESTION MITIGATION PROJECTS

Projects that increase the efficiency of the highway system, such as:

- traffic signal modernization projects
- operational improvement projects
- ITS projects

| Criteria                           | High   | Medium   | Low   | Yes/No   |
|------------------------------------|--|--|---|--|
| Congestion Management System       | Project was identified through a Congestion Management System process  |  | Project did not result from a Congestion Management System process  |  |
| Highway Safety Improvement Program | Project was identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program |  | Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program |  |
| Cost Participation                 | Private industry funding has been secured  | Private industry funding is anticipated                      | Does not include other financial involvement (i.e., private industry)                                     |  |
| Project Stage                      | Phase of the project (planning or design) has already been completed   | Phase of the project (planning or design) is almost complete | The project has not yet begun   |  |
| Traffic Signal Warrants            |  |  |   | Traffic signal project meets the criteria in the Traffic Signal Warrants                   |
| Gap Closure                        |  |  |   | Does the project close a gap or connect missing links in a route?                          |
| Mandated                           |  |  |   | Required by federal, state, or municipal laws, regulations, or codes?                      |
| Transit Friendly                   |  |  |   | Does the project include improvements to transit facilities such as bus pads and bus bays? |

## MODERNIZATION PROJECTS

Projects that add capacity to the highway system, such as:

- new highway projects
- widening projects (additional capacity)
- second access projects
- ITS Projects

| Criteria                           | High   | Medium   | Low   | Yes/No   |
|------------------------------------|--|--|---|--|
| Congestion Management System       | Project was identified through a Congestion Management System process  |  | Project did not result from a Congestion Management System process  |  |
| Highway Safety Improvement Program | Project was identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program |  | Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program |  |
| Cost Participation                 | Private industry funding has been secured  | Private industry funding is anticipated                      | Does not include other financial involvement (i.e., private industry)                                     |  |
| Project Stage                      | Phase of the project (planning or design) has already been completed   | Phase of the project (planning or design) is almost complete | The project has not yet begun   |  |
| Traffic Signal Warrants            |  |  |   | Traffic signal project meets the criteria in the Traffic Signal Warrants                   |
| Gap Closure                        |  |  |   | Does the project close a gap or connect missing links in a route?                          |
| Mandated                           |  |  |   | Required by federal, state, or municipal laws, regulations, or codes?                      |
| Transit Friendly                   |  |  |   | Does the project include improvements to transit facilities such as bus pads and bus bays? |

## ENHANCEMENT PROJECTS

Transportation enhancement projects, such as:

- *bikeway projects*
- *landscaping projects*
- *pedestrian facilities projects*

| Criteria  | High   | Medium   | Low   | Yes/No  |
|---|--|--|---|---|
| Hawaii Procedures for Transportation Enhancement Projects |  |  |   | Is the project classified as "Potentially Fundable" for use of Transportation Enhancement funds by the Hawaii Procedures for TE Projects? |
| Cost Participation  | Private industry funding has been secured                            | Private industry funding is anticipated                      | Does not include other financial involvement (i.e., private industry) |   |
| Project Stage   | Phase of the project (planning or design) has already been completed | Phase of the project (planning or design) is almost complete | The project has not yet begun   |   |
| Gap Closure   |  |  |   | Does the project close a gap or connect missing links in a route?   |
| Mandated  |  |  |   | Required by federal, state, or municipal laws, regulations, or codes?   |
| Transit Friendly  |  |  |   | Does the project include improvements to transit facilities such as bus pads and bus bays?  |

| SYSTEM PRESERVATION PROJECTS |   | Bridge Assessment and Replacement Programs Consistency | Pavement Management Programs | Cost Participation         | Project Stage | Gap Closure? | Mandated? | Addresses at least one TEA-21 Planning Factor? | Consistent with the HSTP and/or Regional Transportational Plans |
|------------------------------|---|--|------------------------------|----------------------------|---------------|--------------|-----------|--|---|
| S1.                          | Bridge Inspection and Appraisal   | N/A  | N/A                          | L                          | H             | N            | N         | Y  | N   |
| S3.                          | Highways Research and Development Program   |  |                              |                            | L             | N/A          | N         | Y  | N   |
| S10.                         | Traffic Counting Stations, Various Locations  | N/A  | N/A                          | L                          | L             | N            | N         | Y  | N   |
| HS2.                         | Crater Rim Road Improvements and Improvements to Hawaii Volcano National Park (NPS)                     | N/A  | N/A                          | HIGH All Fed Discretionary | L             | N            | N         | Y  | N   |
| HS4.                         | Hawaii Belt Road, Clean and Paint Steel Members, Kukaiau, Kuwaikahi, Ninole and Maulua Bridges          | N/A  | N/A                          |                            | M             | N            | N         | Y  | N   |
| HS11.                        | Hawaii Belt Road, Halaulani Bridge Removal  | Y  | N/A                          | L                          | M             | N            | N         | Y  | N   |
| HS14.                        | Hawaii Belt Road - Seismic Retrofit, Vicinity of Hilo, Phase 2  | Y  | N/A                          | L                          | M             | N            | N         | Y  | N   |
| HS15.                        | Hawaii Belt Road, Seismic Retrofit, Vicinity of Laupahoehoe, Phase II                                   | Y  | N/A                          | L                          | M             | N            | N         | Y  | N   |
| HS16.                        | Hawaii Belt Road - Seismic Retrofit, Vicinity of Papaikou, Hakalau Bridge                               | Y  | N/A                          | L                          | M             | N            | N         | Y  | N   |
| HS26.                        | Route PLH 10(1), Honokohau Harbor Access Road (CFL): 3R   | N/A  | Y                            | HIGH All Fed Discretionary | M             | N            | N         | Y  | N   |
| HC1.                         | Bridge Inspection and Appraisal   | N/A  | N/A                          | L                          | H             | N            | N         | Y  | N   |
| MS5.                         | Honoapiilani Highway, Replacement of Honolulu Bridge  | Y  | N/A                          | L                          | M             | N            | N         | Y  | N   |
| MS11.                        | Route PLH 10(2), through Kakahaia Natural Wildlife Refuge (CFL): 3R                                     | N/A  | Y                            | HIGH All Fed Discretionary | M             | N            | N         | Y  | N   |
| MS12.                        | Waiehu Beach Road, Rehabilitation of Iao Stream Bridge  | Y  | N/A                          | L                          | M             | N            | N         | Y  | N   |
| MS14.                        | Kamehameha V Highway, Kawela Stream Bridge Replacement  | Y  | N/A                          | L                          | M             | N            | N         | Y  | N   |
| MS15.                        | Kamehameha V Highway, Makakupaia Stream Bridge Replacement  | Y  | N/A                          | L                          | M             | N            | N         | Y  | N   |
| MC1.                         | Alaialua Bridge Replacement   | Y  | N/A                          | L                          | M             | N            | N         | Y  | N   |
| MC2.                         | Bridge Inspection and Appraisal of Various Maui County Bridges  | N/A  | N/A                          | L                          | L             | N            | N         | Y  | N   |
| MC4.                         | Kahawaiokapia Bridge Replacement  | Y  | N/A                          | L                          | M             | N            | N         | Y  | N   |
| MC7.                         | Koukouai Bridge Modifications   | Y  | N/A                          | L                          | M             | N            | N         | Y  | N   |
| MC8.                         | Kulanihakoi Bridge Replacement  | Y  | N/A                          | L                          | L             | N            | N         | Y  | N   |
| MC9.                         | Lelekea Bridge Replacement  | Y  | N/A                          | L                          | L             | N            | N         | Y  | N   |
| KS3.                         | Kapule Highway/Rice Street/Waapa Road Improvements and Nawiliwili Bridge Replacement                    | Y  | N/A                          | L                          | M             | N            | N         | Y  | N   |
| KS6.                         | Kaunualii Highway, Rehabilitation of Omao Bridge  | Y  | N/A                          | L                          | L             | N            | N         | Y  | N   |
| KS8.                         | Kuhio Highway, Kapaia Bridge Replacement  | Y  | N/A                          | L                          | L             | N            | N         | Y  | N   |
| KS9.                         | Kuhio Highway, Replacement of Waioli, Waipa and Waikoko Stream Bridges                                  | Y  | N/A                          | L                          | L             | N            | N         | Y  | N   |
| KC3.                         | Bridge Inspection and Appraisal   | N/A  | N/A                          | L                          | H             | N            | N         | Y  | N   |
| KC5.                         | Kamalu Road Bridge  | Y  | N/A                          | L                          | L             | N            | N         | Y  | N   |
| KC7.                         | Koloa Road Full Depth Reclamation (FDR)   | N/A  | Y                            | L                          | M             | N            | N         | Y  | N   |
| KC12.                        | Resurfacing of Oloheua Road (Collector Road)  | N/A  | Y                            | L                          | L             | N            | N         | Y  | N   |
| KC13.                        | Resurfacing of Kokee Road (Collector Road)  | N/A  | Y                            | L                          | L             | N            | N         | Y  | N   |
| KC14.                        | Resurfacing of Puhi Rd, Kukui St, Ulu St, Waimea Rd, Hanapepe Rd, Weke Rd, and Aku Rd (Collector Roads) | N/A  | Y                            | L                          | L             | N            | N         | Y  | N   |
| KC15.                        | Puuopae Bridge Replacement-Kalama Stream  | Y  | N/A                          | L                          | L             | N            | N         | Y  | N   |



|       | <b>SAFETY PROJECTS</b>  | <b>Highway Safety Improvement Program</b> | <b>Rockfall Protection Study</b> | <b>Cost Participation</b> | <b>Project Stage</b> | <b>Gap Closure?</b> | <b>Mandated?</b> | <b>Addresses at least one TEA-21 Planning Factor?</b> | <b>Consistent with the HSTP and/or Regional Transportational Plans</b> |
|-------|---|---|----------------------------------|---------------------------|----------------------|---------------------|------------------|---|--|
| S4.   | Improvements to Intersections and Highway Facilities, Statewide                                   | Y   | N                                | L                         | L                    | N                   | N                | Y   | N  |
| S6.   | Pedestrian Facilities and ADA Compliance at Various Locations, Statewide                          | N   | N                                | L                         | M                    | N                   | Y                | Y   | N  |
| HS3.  | Guardrail and Shoulder Improvements, Various Locations  | Y   | N                                | L                         | L                    | N                   | N                | Y   | N  |
| HS5.  | Hawaii Belt Road Drainage Improvements, Vicinity of Hakalau Bridge                                | Y   | N                                | L                         | M                    | N                   | N                | Y   | N  |
| HS6.  | Hawaii Belt Road, Guardrail and Shoulder Improvements, Kalopa Towards Waipunahina Bridge          | Y   | N                                | L                         | M                    | Y                   | N                | Y   | N  |
| HS7.  | Hawaii Belt Road, Guardrail and Shoulder Improvements, Kawaiilili Bridge Towards Kalopa           | Y   | N                                | L                         | M                    | Y                   | N                | Y   | N  |
| HS8.  | Hawaii Belt Road, Guardrail and Shoulder Improvements, Pakalana Street Towards Paauhau Road       | Y   | N                                | L                         | M                    | Y                   | N                | Y   | N  |
| HS9.  | Hawaii Belt Road, Guardrail and Shoulder Improvements, Paauhau Road to Papalele Road              | Y   | N                                | L                         | M                    | Y                   | N                | Y   | N  |
| HS10. | Hawaii Belt Road, Guardrail and Shoulder Improvements, Waipunahina Bridge Towards Kawaiili Bridge | Y   | N                                | L                         | M                    | Y                   | N                | Y   | N  |
| HS13. | Hawaii Belt Road, Rockfall Protection at Various Sections, Phase I                                | N   | Y                                | L                         | M                    | N                   | N                | Y   | N  |
| HS18. | Kawaihae Road, Waiala Stream Bridge Replacement and Realignment of Approaches                     | Y   | N                                | L                         | M                    | N                   | N                | Y   | N  |
| HS21. | Mamalahoa Highway Drainage Improvements at Kawa   | Y   | N                                | L                         | L                    | N                   | N                | Y   | N  |
| HS22. | Mamalahoa Highway Safety Improvements in the Vicinity of C.Q. Yee Hop Ranch                       | Y   | N                                | L                         | M                    | N                   | N                | Y   | N  |
| HS23. | Mamalahoa Highway Safety Improvements in the Vicinity of Puuwaawaa Ranch Road                     | Y   | N                                | L                         | M                    | N                   | N                | Y   | N  |
| HS29. | Volcano Road, Intersection Improvements at Kulani Road  | Y   | N                                | L                         | M                    | N                   | N                | Y   | N  |
| HC4.  | Hilo Roads Guardrail and Retaining Wall Improvements  | Y   | N                                | L                         | M                    | N                   | N                | Y   | N  |
| MS1.  | Guardrail and Shoulder Improvements, Various Locations (Honoapiilani Highway & Piilani Highway)   | Y   | N                                | L                         | M                    | N                   | N                | Y   | N  |
| MS7.  | Kahului Beach Road Lighting Improvements at Kanaloa Avenue  | N   | N                                | L                         | M                    | N                   | N                | Y   | N  |
| MS9.  | Puunene Avenue Safety Improvements, Kaahumanu Avenue to Kamehameha Avenue                         | Y   | N                                | L                         | L                    | N                   | N                | Y   | N  |
| MS13. | Kamehameha V Highway, Guardrail and Shoulder Improvements, MP 7.8 to MP 11.3                      | Y   | N                                | L                         | M                    | N                   | N                | Y   | N  |
| KS1.  | Guardrail and Shoulder Improvements at Various Locations, Kauai                                   | Y   | N                                | L                         | M                    | N                   | N                | Y   | N  |
| KS2.  | Kapule Highway, Intersection Improvements at Rice Street  | Y   | N                                | L                         | M                    | N                   | N                | Y   | N  |
| KS4.  | Kaunualii Highway Intersection Improvements at Halewili Road, Eleele                              | Y   | N                                | L                         | L                    | N                   | N                | Y   | N  |
| KS7.  | Kuhio Highway Intersection Improvements at Mailihuna Road   | Y   | N                                | L                         | L                    | N                   | N                | Y   | N  |
| KC1.  | ADA Priority 2 Curb Ramps & Sidewalks   | N   | N                                | L                         | M                    | N                   | Y                | Y   | N  |
| KC4.  | Hardy Street Safety Improvements  | Y   | N                                | L                         | L                    | N                   | N                | Y   | N  |
| KC6.  | Kokee Road Improvements   | Y   | N                                | L                         | L                    | N                   | N                | Y   | N  |

| CONGESTION MITIGATION PROJECTS |   | Congestion Management System | Highway Safety Improvement Program | Cost Participation | Project Stage | Traffic Signal Warrants | Gap Closure? | Mandated? | Addresses at least one TEA-21 Planning Factor? | Consistent with the HSTP and/or Regional Transportational Plans |
|--------------------------------|---|------------------------------|------------------------------------|--------------------|---------------|-------------------------|--------------|-----------|--|---|
| S13.                           | Van Pool Program  | Pre CMS                      | L                                  | L                  | H             | N/A                     | N            | N         | Y  | N   |
| HS17.                          | Kanoielehua Avenue, Inbound Widening, Kamehameha Avenue to Puainako Street        | Pre CMS                      | L                                  | L                  | L             | N/A                     | N            | N         | Y  | Y   |
| HS19.                          | Keaau-Pahoa Road Shoulder Lane Conversion, from Keaau Bypass Road to Shower Drive | Pre CMS                      | L                                  | L                  | M             | N/A                     | N            | N         | Y  | N   |
| HC6.                           | Mohouli Street Improvements, Komohana Street to Kinoole Street                    | Pre CMS                      | L                                  | L                  | L             | N/A                     | N            | N         | Y  | Y   |
| HC7.                           | Palani-Kealakaa Intersection and Traffic Signal Improvements                      | Pre CMS                      | L                                  | L                  | M             | H                       | N            | N         | Y  | N   |
| MS10.                          | Puunene Avenue Widening, Wakea Avenue to Kuihelani Highway, MP 0.46 to MP 1.09    | Pre CMS                      | L                                  | L                  | L             | N/A                     | N            | N         | Y  | Y   |
| MC3.                           | Hina Avenue Traffic Signal at Papa Avenue   | Pre CMS                      | L                                  | L                  | L             | H                       | N            | N         | Y  | N   |
| MC5.                           | Kamehameha Avenue Traffic Signal at Hina Avenue                                   | Pre CMS                      | L                                  | L                  | M             | H                       | N            | N         | Y  | N   |
| MC10.                          | Lono Avenue Traffic Signal Improvements at Papa Avenue                            | Pre CMS                      | L                                  | L                  | M             | H                       | N            | N         | Y  | N   |
| MC11.                          | Lono Avenue Traffic Signal Upgrade at Kamehameha Avenue                           | Pre CMS                      | L                                  | L                  | M             | H                       | N            | N         | Y  | N   |
| MC13.                          | Mill Street Traffic Signal at Imi Kala Street                                     | Pre CMS                      | L                                  | L                  | L             | H                       | N            | N         | Y  | N   |
| MC14.                          | South Kihei Road Traffic Signal at Keonekai Road                                  | Pre CMS                      | L                                  | L                  | L             | H                       | N            | N         | Y  | N   |
| MC15.                          | Wakea Avenue Traffic Signal at Hina Avenue  | Pre CMS                      | L                                  | L                  | L             | H                       | N            | N         | Y  | N   |
| KS10.                          | Kuhio Highway Widening, Wailua Bridge to Papaloa Road                             | Pre CMS                      | L                                  | L                  | M             | N/A                     | N            | N         | Y  | N   |

| <b>MODERNIZATION PROJECTS</b> |   | <b>Congestion Management System</b> | <b>Highway Safety Improvement Program</b> | <b>Cost Participation</b>     | <b>Project Stage</b> | <b>Gap Closure?</b> | <b>Mandated ?</b> | <b>Addresses at least one TEA-21 Planning Factor?</b> | <b>Consistent with the HSTP and/or Regional Transportational Plans</b> |
|-------------------------------|---|-------------------------------------|---|-------------------------------|----------------------|---------------------|-------------------|---|--|
| S2.                           | Highway Planning, Statewide   | Pre CMS                             | N/A                                       | L                             | L                    | N/A                 | N                 | Y   | N  |
| S7.                           | Public Lands Highways Discretionary Projects  | Pre CMS                             | N/A                                       | H<br>Federal<br>Discretionary | M                    | N                   | N                 | Y   | N  |
| S9.                           | Technology Transfer and Technical Assistance Program                                  | Pre CMS                             | N/A                                       | L                             | M                    | N/A                 | N                 | Y   | N  |
| S11.                          | Traffic Signal Modernization at Various Locations, Statewide                          | Pre CMS                             | N/A                                       | L                             | M                    | N                   | N                 | Y   | N  |
| S12.                          | Upgrade Highway Accounting System (HWYAC)   | Pre CMS                             | N/A                                       | L                             | L                    | N/A                 | N                 | Y   | N  |
| HS12.                         | Hawaii Belt Road, Mud Lane to The Kamuela Race Track (Waimea Bypass)                  | Pre CMS                             | L   | L                             | M                    | N                   | N                 | Y   | Y  |
| HS20.                         | Kealahou Parkway Extension, Keanalehu Drive to Kealakaa Street                        | Pre CMS                             | L   | L                             | M                    | Y                   | N                 | Y   | Y  |
| HS24.                         | Puainako Street Widening, Komohana to Kawili, Phase 1                                 | Pre CMS                             | L   | L                             | M                    | N                   | N                 | Y   | Y  |
| HS25.                         | Queen Kaahumanu Widening, Kealahou Parkway to Keahole Airport Access Road, Phase II   | Pre CMS                             | L   | L                             | M                    | N                   | N                 | Y   | Y  |
| HS27.                         | Saddle Road Extension   | Pre CMS                             | L   | L                             | L                    | Y                   | N                 | Y   | Y  |
| HS28.                         | Saddle Road Improvements, Kaumana (MP 6) to Mamalahoa Highway (MP 53.5) (DOD)         | Pre CMS                             | L   | H                             | M                    | N                   | N                 | Y   | Y  |
| HC3.                          | Alii Highway, Phase 1, Kamehameha III Road to Kuakini Highway                         | Pre CMS                             | L   | H                             | M                    | N                   | N                 | Y   | Y  |
| HC5.                          | Kuakini Highway Widening Hualalai Road to Alii Highway                                | Pre CMS                             | L   | H                             | L                    | N                   | N                 | Y   | Y  |
| MS4.                          | Hana Highway Widening, Kaahumanu Avenue to Vicinity of Airport Access Road            | Pre CMS                             | L   | H                             | L                    | N                   | N                 | Y   | Y  |
| MS6.                          | Kahului Airport Access Road, Puunene Avenue to Hana Highway                           | Pre CMS                             | L   | H                             | M                    | Y                   | N                 | Y   | Y  |
| MS8.                          | Lahaina Bypass, Launiupoko to Lahainaluna Road, Phase IB, MP 16 to MP 16.9 to MP 20.9 | Pre CMS                             | L   | H                             | M                    | N                   | N                 | Y   | Y  |
| MC6.                          | Keawe Street Extension  | Pre CMS                             | L   | L                             | M                    | Y                   | N                 | Y   | N  |
| MC12.                         | Makawao Avenue-Makani Road Improvements, Eddie Tam Gym to Kalama School               | Pre CMS                             | L   | L                             | L                    | N                   | N                 | Y   | N  |
| KS5.                          | Kaunualii Highway Widening, Rice Street to Puhi Road, Phase 1A                        | Pre CMS                             | L   | L                             | M                    | N                   | N                 | Y   | Y  |
| KC9.                          | Maluhia Road Improvements   | Pre CMS                             | L   | L                             | M                    | N                   | N                 | Y   | Y  |
| KC11.                         | Northerly Leg of the Western Bypass Road  | Pre CMS                             | L   | L                             | L                    | N                   | N                 | Y   | N  |

| <b>ENHANCEMENT PROJECTS</b> |  | <b>Hawaii<br/>Statewide<br/>Enhancement<br/>Program</b> | <b>Cost<br/>Participation</b> | <b>Project<br/>Stage</b> | <b>Gap<br/>Closure?</b> | <b>Mandated<br/>?</b> | <b>Addresses at<br/>least one<br/>TEA-21<br/>Planning<br/>Factor?</b> | <b>Consistent with the<br/>HSTP and/or Regional<br/>Transportational Plans</b> |
|-----------------------------|--|---|-------------------------------|--------------------------|-------------------------|-----------------------|---|--|
| S5.                         | National Recreational Trails Program   | N   | H                             | M                        | N                       | N                     | Y   | N  |
| S8.                         | Statewide Highway Landscape Masterplan   | N   | L                             | L                        | N                       | N                     | Y   | N  |
| HS1.                        | Akoni Pule Highway Bicycle Improvements, Mahukona Warf Access Road to Hawi Road  | N   | L                             | L                        | N                       | N                     | Y   | N  |
| HC2.                        | Alii Drive Road Improvements Along Oneo Bay, from Hualalai Road to Walua Road  | Y   | L                             | L                        | N                       | N                     | Y   | N  |
| HC8.                        | Waimea Trails and Greenways  | Y   | L                             | M                        | N                       | N                     | Y   | N  |
| MS2.                        | Haleakala National Park Access Road, Bikeway Pull-out Areas  | N   | L                             | M                        | N                       | N                     | Y   | N  |
| MS3.                        | Hana Highway/Kaahumanu Avenue Beautification, Dairy Road to Nanailoa Overpass  | N   | L                             | M                        | N                       | N                     | Y   | N  |
| KC2.                        | Ahukini to Lydgate Park Bike/Pedestrian Path (Phase IV of the Lihue-Anahola Coastal Bike Path, Bike Plan Hawaii, April 1994) | Y   | H<br>Soft Land<br>Match       | M                        | N                       | N                     | Y   | N  |
| KC8.                        | Lydgate Park to Kapaa Bike/Pedestrian Path (Phase III of the Lihue-Anaholo Coastal Bike Path, Bike Plan Hawaii, April 1994)  | Y   | H<br>Soft Match               | M                        | N                       | N                     | Y   | N  |
| KC10.                       | Nawiliwili to Ahukini Bike/Pedestrian Path (Phase VI of the Lihue-Anaholo Coastal Bike Path, Bike Plan Hawaii, April 1994)   | Y   | H<br>Soft Match               | L                        | N                       | N                     | Y   | N  |

## **VII. Project Descriptions**

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DEPARTMENT OF TRANSPORTATION  
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FY 2004 THRU FY 2006

**VII. PROJECT DESCRIPTIONS**

| Project Code | Project  | Project Description   |
|--------------|--|---|
|              |  |   |
|              | <b>STATEWIDE - FHWA</b>  |   |
|              |  |   |
| S1           | Bridge Inspection and Appraisal  | Inspection of bridges as required by FHWA.  |
|              |  |   |
| S2           | Highways Planning, Statewide   | Highway improvement studies program.  |
|              |  |   |
| S3           | Highways Research and Development Program                                | Fund various Research and Development Projects.   |
|              |  |   |
| S4           | Improvements to Intersections and Highway Facilities, Statewide          | Statewide intersection improvement program on State Highways.   |
|              |  |   |
| S5           | National Recreational Trails Program                                     | A Federal-aid assistance program to help the States provide and maintain recreational trails for both motorized and non-motorized recreational use.   |
|              |  |   |
| S6           | Pedestrian Facilities and ADA Compliance at Various Locations, Statewide | Upgrade pedestrian facilities to meet Federal ADA requirements.   |
|              |  |   |
| S7           | Public Lands Highways Discretionary Projects                             | Each year, states are required to submit candidate projects for funding under the Public Lands Highway Discretionary Program. Any project eligible for assistance under Title 23, United States Code, (Highways), that is within, adjacent to or provides access to Federal lands may apply for Public Lands Highways Discretionary funds. The Federal Highways Administration selects the projects to be funded and the funds can only be used for those projects. |
|              |  |   |
| S8           | Statewide Highway Landscape Masterplan                                   | The landscape master plan will analyze and classify our state highway landscape to provide design continuity through statewide policies/guidance and establish guidelines and the process for incorporating landscape and aesthetics in highway planning, design, construction, and maintenance activities. Emphasis will be on a consistent, safe, sustainable, durable and aesthetic highway system with a Hawaii sense-of-place.                                 |
|              |  |   |
| S9           | Technology Transfer and Technical Assistance Program                     | To conduct training and technology transfer activities for government and private transportation personnel.   |
|              |  |   |
| S10          | Traffic Counting Station, Various Locations                              | Provide traffic counting stations at various locations.   |
|              |  |   |

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| Project Code | Project  | Project Description  |
|--------------|--|--|
| S11          | Traffic Signal Modernization at Various Locations, Statewide | Design and construction for replacing existing traffic signal systems; provide interconnection of signalized intersections; upgrade existing traffic signal systems to meet current Americans with Disabilities standards; and installing close circuit television for the Freeway Management Systems. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement. |
| S12          | Upgrade Highway Accounting System (HWYAC)                    | Provide consultant services, hardware, software, and licensing fees for implementation of new Highway Accounting System.   |
| S13          | Van Pool Program   | Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with a State-subsidized van.   |
|              | <b>STATEWIDE - FTA</b>                                       |  |
| S14          | Elderly and Persons with Disabilities Program                | The FTA Section 5310 program provides assistance for the purpose of providing transportation services in meeting the special needs of elderly and disabled persons where mass transportation services are unavailable, insufficient or inappropriate.  |
| S15          | Non-Urbanized Area Formula                                   | Non-Urban Transit Operations and State Administration.   |
| S16          | Non-Urbanized Area Formula, Rural Transit Assistance Program | Non-Urbanized Public Transportation Training and Technical Assistance.   |

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| Project Code | Project  | Project Description   |
|--------------|--|---|
|              |  |   |
|              | <b>OAHU: STATE - FHWA</b>  |   |
|              |  |   |
| OS1          | Farrington Highway, Rehabilitation of Kaupuni Stream Bridge              | Widen existing three-span 149 feet long concrete T-beam bridge by about 18.5 feet and strengthen existing portion to meet current State standards. MP 11.28   |
|              |  |   |
| OS2          | Farrington Highway, Bridge Replacement, Maipalaoa Bridge                 | Replace the existing bridge with a concrete structure that meets current design standards. The new structure will include bridge railings. MP 8.32 near Maipalaoa Street.   |
|              |  |   |
| OS3          | Farrington Highway, Bridge Replacement, Makaha Bridges #3 and #3A        | Replacement of a timber bridge in the vicinity of Makaha Beach Park. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.  |
|              |  |   |
| OS4          | Farrington Highway Intersection Improvements at Haleakala Avenue         | Improvements include a left-turn lane into Haleakala Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signal modifications, underground utilities.  |
|              |  |   |
| OS5          | Farrington Highway Intersection Improvements at Lualualei Homestead Road | Improvements include a left-turn lane into Lualualei Homestead Road, roadway widening, resurfacing, roadway excavation, drainage, traffic signals, and landscaping.   |
|              |  |   |
| OS6          | Farrington Highway Intersection Improvements at Nanakuli Avenue          | Improvements include a left-turn lane into Nanakuli Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signals, and landscaping.  |
|              |  |   |
| OS7          | Fort Barrette Road Widening, Farrington Highway to Barber's Point Gate   | Widening the existing roadway to four lanes and other improvements, including right and left turning lanes, sidewalk, bikeway, highway lighting, drainage, traffic signals, landscaping, and other improvements.  |
|              |  |   |
| OS8          | Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway     | Assist the State with managing and guiding the ITS program. Will include software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning. The project consists of installation of CCTV cameras, vehicle detectors, cabinets and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. |



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| Project Code | Project  | Project Description  |
|--------------|--|--|
| OS9          | Freeway Service Patrols  | This program will operate roving service patrols. Services to include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting HPD, HFD, and EMS at crash scenes and other incidents, assisting sick or injured motorists with basic first aid, and notifying 911 of incidents. |
| OS10         | Guardrail and Shoulder Improvements, Various Locations   | Installation and upgrading all guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage and other appurtenant improvements.   |
| OS63         | Interstate Route H-1, Addition and Modification of Freeway Access, Makakilo IC to Palailai IC (Kapolei IC Complex) | Improve/modify freeway access to Interstate Route H-1 between Makakilo IC and Palailai IC (Kapolei Interchange Complex).   |
| OS11         | Interstate Route H-1, Deck Repair Airport Viaduct, MP 15.73 to MP 18.52  | Repair Airport Viaduct from Valkenburg to Keehi Interchange.   |
| OS12         | Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street to Punchbowl Street                       | Upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards. Shoulder improvements maybe required at various locations.   |
| OS13         | Interstate Route H-1, Highway Lighting Improvements, Kaimakani OP to Gulick Avenue, Phase 1                        | Upgrade and replace existing highway lighting.   |
| OS14         | Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp   | Improvements in the westbound by modifying the weaving movements between the Lunalilo Street On-Ramp and the Vineyard Boulevard Off-Ramp. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.  |
| OS15         | Interstate Route H-1, Pearl City Viaduct and Waimalu Viaduct Improvements  | Construction for replacing, repairing, and/or strengthening of the Pearl City and Waimalu Viaduct concrete deck and other structural components. Project will be implemented in 5 phases.  |
| OS16         | Interstate Route H-1, Seismic Retrofit, Farrington Hwy, Makakilo Separation and Military Rd Overpass               | H-1 Freeway (Route H-1) Farrington Highway Separation, Makakilo Separation and Military Road Overpass Seismic Retrofit. Milepost 0.49-6.34. Seismic Retrofit existing 332, 251, 278 feet long bridges to meet current State seismic criteria.  |

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|--------------|---|--|
| OS17         | Interstate Route H-1, Seismic Retrofit, Lunalilo-Vineyard On-Ramp   | Seismic retrofit existing 1,202 feet long bridge to meet current State seismic criteria.   |
| OS18         | Interstate Route H-1 Widening, Eastbound, Waiau Interchange to Halawa Interchange   | Widen H-1 Freeway to six lanes from Waiau Interchange to Halawa Interchange in the east-bound direction, and restore current freeway lane width and shoulder standards.  |
| OS19         | Interstate Route H-1 and H-2, Destination Sign Upgrade/Replacement  | Replacing and/or upgrading the existing destination signs and sign support structure on Interstate Routes H-1 and H-2. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.   |
| OS20         | Interstate Route H-1, Waiawa Interchange, Westbound, Additional Westbound Lane  | Design to construct an additional H-1 westbound lane through Waiawa Interchange.   |
| OS21         | Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements  | Design to widen the Waipahu Off-Ramp from one to two lanes.  |
| OS22         | Interstate Route H-2 Rehabilitation, Waipio IC On/Off Ramps, Ka Uka Blvd & Meheula Pkwy Overpasses and Kipapa Stream Bridge | Resurface existing roadway.  |
| OS23         | Interstate Route H-3, H-3 Finish, Unit VIIB   | Construct stream channel improvements near the Animal Quarantine Station in Halawa Valley.   |
| OS24         | James Campbell National Wildlife Refuge Improvements (managed by FWS)   | To be administered by the U.S. Fish and Wildlife Service.  |
| OS25         | Kahekili Highway Intersection Improvements in the Vicinity of Hui Iwa Street  | This project proposes to add auxiliary lanes to the intersections of Kahekili Highway and East and West Hui Iwa Streets. Will include ac pavement, highway lighting, guardrail, signing, and pavement markings.  |
| OS26         | Kalaeloa Roadway Improvements, Vicinity of Barber's Point Naval Air Station   | Upgrade and/or reconstruct/rehab the existing roadway, drainage systems and other facilities to current standards on Enterprise Road, Roosevelt Road, Coral Sea Road and W. Perimeter Road. Project will include North/South Road Connector right-of-way and the realignment of Coral Sea Road to Independence Road. |

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|--------------|--|--|
| OS27         | Kalaniana'ole Highway Improvements, Vicinity of Hawaii Kai Drive to Keahole Street | This project proposes to add an additional through lane in the in-bound direction. Will include utility relocation, ac pavement, sidewalk, highway lighting, landscaping, irrigation, guardrail, signing, and pavement markings.   |
| OS28         | Kalaniana'ole Highway Improvements, Olomana Golf Course to Waimanalo Beach Park    | Improvements to Kalaniana'ole, including constructing turning lanes, sidewalks, wheelchair ramps, bike paths or bike lanes, upgrading traffic signals, utility relocation, drainage improvements and other miscellaneous improvements. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement. |
| OS29         | Kalaniana'ole Highway Improvements, Retaining Wall at Makapuu                      | The scope of work will consist of constructing and/or repairing a retaining wall along Kalaniana'ole Highway in the vicinity of Makapuu Point, including subsurface investigation and slope protection. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.                                |
| OS30         | Kamehameha Highway, Bridge Replacement Kaipapau Stream Bridge                      | Replacement of Kaipapau Stream Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.   |
| OS31         | Kamehameha Highway, Bridge Replacement Kaluanui Stream Bridge                      | Land and construction for replacement of Kaluanui Stream Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.   |
| OS32         | Kamehameha Highway, Bridge Replacement Kawela Stream Bridge                        | Replacement of Kawela Stream Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.   |
| OS33         | Kamehameha Highway, Bridge Replacement North Kahana Stream Bridge                  | Replacement of North Kahana Stream Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.   |
| OS34         | Kamehameha Highway, Bridge Replacement South Kahana Stream Bridge                  | Replacement of South Kahana Stream Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.   |
| OS35         | Kamehameha Highway, Bridge Replacement South Punaluu Bridge                        | Replacement of South Punaluu Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.   |

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| Project Code | Project  | Project Description  |
|--------------|--|--|
| OS36         | Kamehameha Highway, Bridge Replacement Upper Poamoho Stream Bridge                         | Replacement of Multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.  |
| OS37         | Kamehameha Highway, Bridge Replacement Waiahole Bridge                                     | Replacement of the existing concrete structure. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.  |
| OS38         | Kamehameha Highway, Highway Lighting Improvements MP 20.7 to MP 23.8                       | Upgrade and replace existing highway lighting at various locations along Kamehameha Highway vicinity of Kawaipuna Street to North Punaluu Bridge.  |
| OS39         | Kamehameha Highway, In-Bound Cane Haul Road Structure Rehabilitation, Vicinity of Waipahu  | Rehabilitation of the in-bound Cane Haul Road structure. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.   |
| OS40         | Kamehameha Highway Intersection Improvements at Kuilima Drive                              | The project will provide improvements at the intersection of Kuilima Drive and Kamehameha Highway.   |
| OS41         | Kamehameha Highway, Out-Bound Cane Haul Road Structure Rehabilitation, Vicinity of Waipahu | Design for rehabilitation of the out-bound Cane Haul Road structure. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.                             |
| OS42         | Kamehameha Highway, Rehabilitation of Kawailoa Stream Bridge                               | Rehabilitate existing bridge by widening and strengthening to meet current State standards.  |
| OS43         | Kamehameha Highway, Rehabilitation of Laieloa Stream Bridge                                | Rehabilitation of concrete slab bridge on Kamehameha Highway in the vicinity of Laie. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.            |
| OS44         | Kamehameha Highway, Rehabilitation of Makaua Stream Bridge                                 | Kamehameha Highway (Route 83) Makaua Stream Bridge Rehabilitation. Milepost 27.70. Rehabilitate existing 44-foot long bridge by widening and strengthening to meet current State standards.  |
| OS45         | Kamehameha Highway, Rehabilitation of Waikane Stream Bridge                                | Kamehameha Highway (Route 83) Waikane Stream Bridge Rehabilitation. Milepost 33.54. Rehabilitate existing 44-foot long bridge by widening and strengthening to meet current State standards. |
| OS46         | Kamehameha Highway, Rehabilitation of Waipilopilo Stream Bridge                            | Rehabilitation of a concrete T-bridge on Kamehameha Highway in the vicinity of Hauula. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.           |

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|--------------|---|--|
| OS47         | Kamehameha Highway Resurfacing, Interstate Route H-2 to Waihau Street                       | Resurface existing roadway.  |
| OS48         | Kamehameha Highway, Rockfall Protection Vicinity of Kahuku                                  | Rockfall mitigation measures along Kamehameha Highway in the vicinity of Kahuku.   |
| OS49         | Kamehameha Highway Shoreline Protection   | Create shoreline protection for areas of Kamehameha Highway susceptible to ocean erosion due to wave action.   |
| OS50         | Kamehameha Highway, Shoreline Protection, Vicinity of Kawailoa Beach                        | Create shoreline protection for areas of Kamehameha Highway susceptible to ocean erosion due to wave action.   |
| OS51         | Kamehameha Highway Wetland Enhancement, Vicinity of Ukoa Pond                               | (Helemano-Wailua Junction to Haleiwa Beach Park)<br>Enhance wetlands near Ukoa Pond as mitigation for previous construction impacts and wetland banking for future use.  |
| OS52         | Leeward Bikeway, Phase I, Waipio Point Access Road to Hawaii Railroad Society Train Station | This project will construct a 10-foot wide shared use facility within the former Oahu Railway and Land Company 40-foot right-of-way.   |
| OS53         | Leeward Community College, 2nd Access Improvements  | Plans for a second access to the Leeward Community College.  |
| OS54         | Moanalua Freeway and Interstate Route H-2 Guardrail and Shoulder Improvements               | Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.   |
| OS55         | Moanalua Freeway, Highway Lighting Improvements, MP 0 to 0.73                               | Upgrade and replace existing highway lighting.   |
| OS56         | Moanalua Freeway, Highway Lighting Improvements, MP 1.12 to 4.09                            | Upgrade and replace existing highway lighting.   |
| OS57         | Nimitz Highway Intersection Improvements at Valkenburg Street                               | Construct safety and operational improvements.   |
| OS58         | North/South Road, Vicinity of Farrington Highway to Interstate Route H-1, Phase IB          | Construction for North/South Road from Farrington Highway to vicinity of the H-1 Freeway. Improvements include a multi-lane highway and an interchange at the H-1 Freeway. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement. |
| OS59         | Pali Highway, Castle Junction, Rockfall Protection, Kailua Bound                            | Rockfall mitigation measures along Pali Highway at Castle Junction.  |

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|--------------|---|--|
| OS60         | Traffic Signal Modernization at Various Locations on Oahu (Waialae, Nimitz, Farrington, Pali & Likelike Hwys) | To improve traffic signals at various locations; Waialae Ave. from 21st Ave. to Kilauea Ave., Nimitz Hwy from Valkenburg St. to Halekauwila St., Pali Hwy at School St., Likelike Hwy. at Anoi Rd., Farrington Hwy from Waipio Access Rd. to Fort Weaver Rd. Ramp., Farrington Hwy from Lualualei Homestead Rd. to Makaha Valley Rd. |
| OS61         | Vanpool Program, Oahu   | Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with a State-subsidized van.   |
|              |   |  |
|              | <b>OAHU: STATE - FTA</b>  |  |
| OS62         | Elderly & Persons With Disabilities Program Vehicle Acquisition for Urban Areas                               | The FTA Section 5310 program provides assistance for the purpose of providing transportation services in meeting the special needs of elderly and disabled persons where mass transportation services are unavailable, insufficient or inappropriate.  |

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|--------------|--|--|
|              |  |  |
|              | <b>C&amp;C HONOLULU - FHWA</b>   |  |
|              |  |  |
| OC1          | Alapai Transit Center and Joint Traffic Management Center  | This is a joint communications center built adjacent to the Alapai Transit Center. This Center will combine the transportation management and emergency response services for the City and the State.  |
|              |  |  |
| OC2          | Bridge Inspection and Appraisal  | Consultant will inventory, inspect, and appraise City bridges, including underwater inspections, scour analysis, surveys, and preparation of plans for bridge repairs.   |
|              |  |  |
| OC3          | Computerized Traffic Control System  | Project upgrades and expands fiberoptic lines, CCTV cameras, data collection, and signal control in urban center and outlying areas for connectivity to the Traffic Control Center.  |
|              |  |  |
| OC4          | Hihimanu Street Sidewalk Improvements  | Construct a 3,000-foot long sidewalk on the shoulder of Hihimanu Street from Kakaina Street to Waimanalo District Park.  |
|              |  |  |
| OC5          | Honolulu Traffic Control Center Operations   | Project provides for Federal financial participation in the costs of operating and maintaining the center. Eligible costs include with providing for the continuous operation of the system including labor, utilities, equipment, management, and administrative costs. |
|              |  |  |
| OC6          | Kamokila Boulevard Extension   | Design and construct an extension of Kamokila Boulevard from Franklin D. Roosevelt Avenue in Kapolei.  |
|              |  |  |
| OC7          | Kapolei Parkway  | Plan, design and construct Kapolei Parkway between Renton Road and the City/State property line at the western boundary of Ewa Villages (0.7 miles). Project to be constructed in 2 phases. Design funds for SDOT review services.                                       |
|              |  |  |
| OC8          | Kapunahala Stream Flood Control Project, Kaneohe, TMK: 4-5-23 & 24, Between Pookela and Keneke Streets | Provide a relief drain system to supplement an existing inadequate drain system along Kapunahala Stream between Pookela Street and Keneke Street.  |
|              |  |  |
| OC9          | Makakilo Drive Extension   | Conduct planning study to develop roadway extension alternatives, recommend preferred alternative, prepare State/Federally compliant environmental assessment based on preferred alternative.  |

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| Project Code | Project                                  | Project Description   |
|--------------|--|---|
| OC24         | Salt Lake Boulevard Widening, Phase 2B   | Complete the sixth phase of Salt Lake Boulevard Widening project from Kahuapaani Street to Puuloa Road which began in the 1970s. Phase 2B Termini is from Maluna to Ala Lilikoi Streets.  |
| OC10         | Seismic Bridge Retrofit                  | Consultant will do research on various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternative schemes for seismic retrofit, prepare plans and specifications for construction incorporating the retrofit. |
| OC11         | Traffic Signal Maintenance Facility      | Design, construction and equipment for a new traffic signal operating and maintenance facility in Aiea.   |
| OC12         | Traffic Signal Optimization, Phase 3     | Project will analyze, develop and implement new signal timing plans on various roadways to improve the flow of vehicular traffic.   |
| OC13         | Traffic Signals at Various Intersections | Installs and upgrades traffic signals island-wide including ADA improvements, signs and markings, and interties. Project work is warranted by the MUTCD and selected annually.  |



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|--------------|---|---|
|              | <b>C&amp;C HONOLULU - FTA</b>                             |   |
| OC14         | Alapai Transit Center and Joint Traffic Management Center | Plan, design, and construct a transit center and joint traffic management center at existing Alapai Express Bus Terminal. The traffic management center building will also provide space for the Honolulu Police Department, Emergency Management Services' dispatch center, and the Department of Transportation Services. |
| OC15         | Bus & Handi-Van Acquisition Program                       | Purchase replacement buses for fixed route and paratransit services:<br>FY2006: 9 40' buses and 20 <30' buses<br>FY2007: 31 40' buses and 20 <30' buses<br>FY2008: 25 40' buses and 30 <30' buses   |
| OC16         | Honolulu High Capacity Transit                            | Conduct final design on the locally-preferred high capacity transit alternative. The locally-preferred alternative will be identified through the alternatives analysis phase, which includes a draft environmental impact statement.   |
| OC17         | Middle Street Intermodal Center                           | Design and construct Phase II of the project, which consists of access roadway, utility relocation, and transit platform and parking.   |
| OC18         | Oahu Intra-Island Ferry                                   | Conduct an operational demonstration project from Kalaheo to Honolulu Harbor. Type and location of landside improvements will be identified during the demonstration; design and construction will commence after environmental clearance is received.  |
| OC19         | Preventative Maintenance                                  | Federal capital assistance for The Bus and The Handi-Van maintenance costs.   |
| OC20         | Transfer to FHWA for Vanpool                              | FTA Section 5307 funds to be transferred to FHWA for Hawaii DOT's Vanpool program.  |
| OC21         | Transit Radio Replacement Phase III                       | Install automated vehicle location and computer-aided dispatch components to the paratransit radio communications system.   |

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|--------------|--|---|
| OC22         | Transit Related Safety and Security Projects | Capital projects at various locations to improve safety/security at bus stops, park-and-ride lots, and bus facilities.        |
|              |  |   |
| OC23         | Wahiawa Transit Center                       | Plan, design, and construct a transit center and parking structure on a parcel bordering Center Street and California Avenue. |

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|--------------|---|--|
|              | <b>HAWAII: STATE - FHWA</b>   |  |
| HS1          | Akoni-Pule Highway Bicycle Improvements<br>Mahukona Wharf Access Road to Hawi Road                      | Improve Akoni-Pule Highway bicycle routes from Mahukona Wharf Access Road to Hawi Road                 |
| HS2          | Crater Rim Road Improvements and<br>Improvements to Hawaii Volcano National<br>Park (NPS)               | Rehabilitate 3 miles of Crater Rim Drive. Kilauea Visitor Center and Jagger Museum Parking Areas.      |
| HS3          | Guardrail and Shoulder Improvements,<br>Various Locations   | Improve guardrail and shoulder at various locations.   |
| HS4          | Hawaii Belt Road, Clean and Paint Steel<br>Members, Kukaiau, Kawaikahi, Ninole and<br>Maulua Bridges    | Maintenance of existing bridges.   |
| HS5          | Hawaii Belt Road Drainage Improvements,<br>Vicinity of Hakalau Bridge                                   | Improve drainage near Hakalau Bridge.  |
| HS6          | Hawaii Belt Road, Guardrail and Shoulder<br>Improvements Kalopa Towards Waipunahina<br>Bridge           | Improve guardrail and shoulders along Hawaii Belt Road from Kalopa towards Waipunahina Bridge          |
| HS7          | Hawaii Belt Road, Guardrail and Shoulder<br>Improvements, Kahawailiili Bridge Towards<br>Kalopa         | Improve guardrail and shoulder along Hawaii Belt Road from Kahawailiili Bridge towards Kalopa.         |
| HS8          | Hawaii Belt Road, Guardrail and Shoulder<br>Improvements, Pakalana Street to Paauhau<br>Road            | Improve guardrail and shoulder along Hawaii Belt Road from Pakalana Street to Paauhau Road.            |
| HS9          | Hawaii Belt Road, Guardrail and Shoulder<br>Improvements, Paauhau Road to Papalele<br>Road              | Improve guardrail and shoulder along Hawaii Belt Road from Paauhau Road to Papalele Road.              |
| HS10         | Hawaii Belt Road, Guardrail and Shoulder<br>Improvements, Waipunahina Bridge Towards<br>Kawailii Bridge | Improve guardrail and shoulder along Hawaii Belt Road from Waipunahina Bridge towards Kawailii Bridge. |
| HS11         | Hawaii Belt Road, Halaulani Bridge Removal  | Remove existing bridge.  |

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| Project Code | Project   | Project Description   |
|--------------|---|---|
| HS12         | Hawaii Belt Road, Mud Lane to The Kamuela Race Track (Waimea Bypass)          | Widening and/or realignment of highway between Mud Lane and Kamuela Race Track in South Kohala, Hawaii. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement. |
| HS13         | Hawaii Belt Road, Rockfall Protection at Various Sections, Phase I            | Slope protection along Route 19, Hawaii Belt Road in the vicinity of Maulua Gulch, Laupahoehoe Gulch and Kawalii Gulch.   |
| HS14         | Hawaii Belt Road - Seismic Retrofit, Vicinity of Hilo, Phase 2                | Seismic retrofit.   |
| HS15         | Hawaii Belt Road, Seismic Retrofit, Vicinity of Laupahoehoe, Phase II         | Seismic retrofit.   |
| HS16         | Hawaii Belt Road - Seismic Retrofit, Vicinity of Papaikou, Hakalau Bridge     | Seismic retrofit.   |
| HS17         | Kanoelehua Avenue, Inbound Widening, Kamehameha Avenue to Puainako Street     | Design for widening of Kanoelehua Avenue from Kamehameha Avenue from Puainako Street.   |
| HS18         | Kawaihae Road, Waiaka Stream Bridge Replacement and Realignment of Approaches | Replacing the existing Waiaka Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.                               |
| HS19         | Keaau-Pahoa Road Shoulder Lane Conversion, Keaau Bypass Road to Shower Drive  | Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway.  |
| HS20         | Kealakehe Parkway Extension, Keanalehu Drive to Kealakaa Street               | Extend Kealakehe Parkway to Kealakaa Street.  |
| HS21         | Mamalahoa Highway Drainage Improvements at Kawa                               | Drainage improvements.  |
| HS22         | Mamalahoa Highway Safety Improvements in the Vicinity of C. Q. Yee Hop Ranch  | Guardrail improvements.   |
| HS23         | Mamalahoa Highway Safety Improvements in the Vicinity of Puuwaawaa Ranch Road | Guardrail improvements.   |
| HS24         | Puainako Street Widening, Phase 1 Komohana to Kilauea                         | Widen and realign Puainako Street from 2 to 4 lanes from Komohana Street to Kilauea.  |

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| Project Code | Project  | Project Description   |
|--------------|--|---|
| HS25         | Queen Kaahumanu Highway Widening, Kealakehe Parkway to Keahole Airport Access Road, Phase II | Continuation of Queen Kaahumanu widening project.                     |
| HS26         | Route PLH 10(1), D181 Honokohau Harbor Access Road (CFL): 3R                                 | Resurface, restore, and/or rehabilitate Honokohau Harbor Access Road. |
| HS27         | Saddle Road Extension  | Extend Saddle Road to Queen Kaahumanu Highway.                        |
| HS28         | Saddle Road Improvements, Kaumana (MP 6) to Mamalahoa Highway (MP 53.5)                      | Upgrade Saddle Road to meet standards.                                |
| HS29         | Volcano Road Intersection Improvements at Kulani Road  | Construct left-turn lanes at the Kulani Road Intersection.            |

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| Project Code | Project  | Project Description   |
|--------------|--|---|
|              | <b>COUNTY OF HAWAII - FHWA</b>   |   |
| HC1          | Bridge Inspection and Appraisal  | Inspection of county maintained bridges as required by FHWA.  |
| HC2          | Alii Drive Road Improvements Along Oneo Bay from Hualalai Road to Walua Road | Provide bicycle, pedestrian, landscaping and scenic view improvements along Alii Drive from Hualalai Road to Walua Road.  |
| HC3          | Alii Highway, Phase 1, Kamehameha III Road to Kuakini Highway                | The entire length of the project (Phase I and II) is 4.75 miles. Phase I is 3.15 miles and consists of two 12-foot wide lanes starting at Kamehameha III Highway and ending at the Lako Street Extension.   |
| HC4          | Hilo Roads Guardrail and Retaining Wall Improvements                         | Installation of guardrails and retaining walls at various locations in Hilo.  |
| HC5          | Kuakini Highway Widening, Hualalai Road to Alii Highway                      | Widen approximately 1.5 miles of Kuakini Highway to increase vehicular capacity between Hualalai Road and the new Alii Highway.   |
| HC6          | Mohouli Street Improvements, Komohana Street to Kinoole Street               | Roadway widening, resurfacing, traffic signal and drainage improvements from Komohana Street to Kinoole Street (0.9 miles); provide channelized intersections and improved pedestrian and bicycle facilities.                                       |
| HC7          | Palani-Kealakaa Intersection and Traffic Signal Improvements                 | Realign Kealakaa Street with Pilihiolo Street to establish a "+" intersection with Palani Road and install a traffic signal system at the resulting intersection. Work to include turning lanes, and appropriate pedestrian and bicycle facilities. |
| HC8          | Waimea Trails and Greenways  | Land acquisition, design, construction and operation of a 5-mile multi-use trail from Church Row to Kohala View Estates. The project is to be constructed in 3 increments.  |
|              | <b>COUNTY OF HAWAII - FTA</b>  |   |
| HC9          | Non-Urbanized Area Formula   | Non-Urban Transit Operations and State Administration.  |

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| Project Code | Project   | Project Description  |
|--------------|---|--|
|              |   |  |
|              | <b>MAUI: STATE - FHWA</b>   |  |
|              |   |  |
| MS1          | Guardrail and Shoulder Improvements, Various Locations                                | Improve guardrail and shoulder at various locations.   |
|              |   |  |
| MS2          | Haleakala National Park Access Road, Bikeway Pull-Out Areas                           | Improve Haleakala National Park Access Road to accommodate bicyclists.   |
|              |   |  |
| MS3          | Hana Highway/Kaahumanu Avenue Beautification, Dairy Road to Nanailoa Overpass         | Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.   |
|              |   |  |
| MS4          | Hana Highway Widening, Kaahumanu Avenue to Vicinity of Airport Access Road            | Widen Hana Highway.  |
|              |   |  |
| MS5          | Honoapiilani Highway, Replacement of Honolulu Bridge                                  | Replacement of a concrete T-beam bridge on Honoapiilani Highway in the vicinity of Honolulu Bay. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement. |
|              |   |  |
| MS6          | Kahului Airport Access Road Puunene Ave. to Hana Highway                              | Construct a new road from Dairy Road to Hana Highway that will tie in to new Kahului Airport Access.   |
|              |   |  |
| MS7          | Kahului Beach Road Lighting Improvements at Kanaloa Avenue                            | Improve lighting along Kahului Beach Road and Kanaloa Avenue.  |
|              |   |  |
| MS8          | Lahaina Bypass, Launiupoko to Lahainaluna Road, Phase 1B, MP 16 to MP 16.9 to MP 20.9 | Continue implementation of Lahaina Bypass.   |
|              |   |  |
| MS9          | Puunene Avenue Safety Improvements, Kaahumanu Avenue to Kamehameha Avenue             | Install two-way left turn lanes on Puunene Avenue from Kaahumanu Avenue to Kamehameha Avenue.  |
|              |   |  |
| MS10         | Puunene Avenue Widening, Wakea Avenue to Kuihelani Highway, MP 0.46 to MP 1.09        | Widen Puunene Avenue.  |
|              |   |  |
| MS11         | Route PLH 10(2), through Kakahaia National Wildlife Refuge (CFL); 3R                  | Resurface, restore, and/or rehabilitate Route PLH 10(2) through Kakahaia National Wildlife Refuge.   |
|              |   |  |
| MS12         | Waiehu Beach Road, Rehabilitation of Iao Stream Bridge                                | Bridge rehabilitation.   |
|              |   |  |
| MS13         | Kamehameha V Highway, Guardrail and Shoulder Improvements MP 7.8 to 11.3              | Upgrade guardrails from MP 7.8 to MP 11.3 on Kamehameha V Highway, Molokai   |

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| Project Code | Project   | Project Description  |
|--------------|---|--|
| MS14         | Kamehameha V Highway, Kawela Stream Bridge Replacement          | Replacement of Kawela Bridge. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.  |
| MS15         | Kamehameha V Highway, Replacement of Makakupaia Stream Bridge   | Kamehameha V Highway (Route 450) Puuloa Interchange Ramp "A" Seismic Rehabilitation. Milepost 3.94, Rehabilitate existing 43-foot long bridge by widening and strengthening to meet current State standards. |
|              | <b>MAUI: STATE - FTA</b>  |  |
| MS16         | Lahaina Small Boat Harbor - Ferry Pier Improvements             | Ferry commuter pier improvements at Lahaina Small Boat Harbor on the island of Maui.   |
| MS17         | Manele Small Boat Harbor - Ferry Pier and Landside Improvements | Ferry commuter pier and landside improvements at Manele Small Boat Harbor on the island of Maui.   |



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| Project Code | Project   | Project Description  |
|--------------|---|--|
|              |   |  |
|              | <b>COUNTY OF MAUI - FHWA</b>  |  |
|              |   |  |
| MC1          | Alaaula Bridge Replacement  | Replace or repair existing bridge. Construct roadway improvements at both approaches.  |
|              |   |  |
| MC2          | Bridge Inspection and Appraisal of Various Maui County Bridges            | Bridge inspection and appraisal for various bridges by County Engineering Division personnel and in-depth review by consultant for 20 to 25 bridges. |
|              |   |  |
| MC3          | Hina Avenue Traffic Signal at Papa Avenue                                 | Install new traffic signals and appurtenances.   |
|              |   |  |
| MC4          | Kahawaiokapia Bridge Replacement  | Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.   |
|              |   |  |
| MC5          | Kamehameha Avenue Traffic Signal at Hina Avenue                           | Install new traffic signals and appurtenances.   |
|              |   |  |
| MC6          | Keawe Street Extension  | New two-lane road with paved shoulders and drainage improvements. From Keawe Street to Lahaina Bypass. 0.51 miles.                                   |
|              |   |  |
| MC7          | Koukouai Bridge Modifications   | Rehabilitate existing concrete arch spandrel bridge. Construct roadway improvements at both approaches.  |
|              |   |  |
| MC8          | Kulanihakoi Bridge Replacement  | Replace existing four barrel concrete box culverts. Construct roadway improvements at both approaches.   |
|              |   |  |
| MC9          | Lelekea Bridge Replacement  | Replace existing three-span corrugated metal pipe arch. Construct roadway improvements at both approaches.   |
|              |   |  |
| MC10         | Lono Avenue Traffic Signal Improvements at Papa Avenue                    | Install new traffic signals and appurtenances.   |
|              |   |  |
| MC11         | Lono Avenue Traffic Signal Upgrade at Kamehameha Avenue                   | Install new traffic signals and appurtenances.   |
|              |   |  |
| MC12         | Makawao Avenue - Makani Road Improvements, Eddie Tam Gym to Kalama School | Road widening, curb and gutters, sidewalk, drainage and resurface/reconstruct existing roads, from Eddie Tam Gym to Kalama School. 0.47 miles.       |
|              |   |  |
| MC13         | Mill Street Traffic Signal at Imi Kala Street                             | Install new traffic signals and appurtenances.   |
|              |   |  |

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| Project Code | Project  | Project Description                                    |
|--------------|--|--|
| MC14         | South Kihei Road Traffic Signal at Keonekai Road | Install new traffic signals and appurtenances.         |
|              |  |  |
| MC15         | Wakea Avenue Traffic Signal at Hina Avenue       | Install new traffic signals and appurtenances.         |
|              |  |  |
|              | <b>COUNTY OF MAUI - FTA</b>                      |  |
|              |  |  |
| MC16         | Non-Urbanized Area Formula                       | Non-Urban Transit Operations and State Administration. |

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| Project Code | Project  | Project Description  |
|--------------|--|--|
|              |  |  |
|              | <b>KAUAI: STATE - FHWA</b>   |  |
|              |  |  |
| KS1          | Guardrail and Shoulder Improvements at Various Locations, Kauai                      | Upgrade guardrails and terminal ends to meet NCHRP-350 compliance and widen or provide new paved shoulders on Kuamoo Road, Waimea Canyon Drive, Kokee Road and Maalo Road.                                   |
|              |  |  |
| KS2          | Kapule Highway Intersection Improvements at Rice Street                              | Realignment of intersection to favor higher volume movement.   |
|              |  |  |
| KS3          | Kapule Highway/Rice Street/Waapa Road Improvements and Nawiliwili Bridge Replacement | Upgrade Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails.  |
|              |  |  |
| KS4          | Kaumualii Highway Intersection Improvements at Halewili Road, Eleele                 | Provide left turn storage for westbound vehicles on Kaumualii Highway turning left onto Halewili Road in Eleele.   |
|              |  |  |
| KS5          | Kaumualii Highway Widening, Rice Street to Puhi Road, Phase 1A                       | Widen Kaumualii Highway from 2 to 4 lanes from Rice Street to Puhi Road.   |
|              |  |  |
| KS6          | Kaumualii Highway, Rehabilitation of Omao Bridge                                     | Rehabilitation of concrete T-girder bridge on Kaumualii Highway in the vicinity of Omao Road. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.                    |
|              |  |  |
| KS7          | Kuhio Highway Intersection Improvements at Mailihuna Road                            | Implement safety and operational improvements.   |
|              |  |  |
| KS8          | Kuhio Highway, Replacement of Kapaia Bridge  | Replacement of a multi-T beam reinforced concrete girder on Kuhio Highway in the vicinity of Kapaia. This project is deemed necessary to qualify for Federal-Aid financing and/or reimbursement.             |
|              |  |  |
| KS9          | Kuhio Highway, Replacement of Waioli, Waipa and Waikoko Stream Bridges               | Bridge replacement.  |
|              |  |  |
| KS10         | Kuhio Highway Widening, Wailua Bridge to Papaloa Road                                | This project will widen the existing Kuhio Highway to allow for an additional traffic lane. Kuhio Highway within the project limits will be a four-lane (2-southbound lanes and 2-northbound lanes) highway. |

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| Project Code | Project  | Project Description   |
|--------------|--|---|
|              | <b>COUNTY OF KAUAI - FHWA</b>  |   |
| KC1          | Kauai ADA Priority 2 Curb Ramps and Sidewalks  | Remove and correct ADA barriers at approximately 1,507 locations, or thereabout islandwide. The work includes PE and CON services for the replacement and/or correction work of curbs and sidewalks, ramps, warning mats, and miscellaneous corrective work.  |
| KC2          | Ahukini to Lydgate Park Bike/Pedestrian Path (Phase IV of the Lihue-Anahola Coastal Bike Path, Bike Plan Hawaii, April 1994) | Approximately 4 miles of 12-foot wide, 6-inch thick concrete bike/pedestrian path. The project starts at the Ahukini Landing and ends at the south end of Lydgate Park.   |
| KC3          | Bridge Inspection and Appraisal  | PE for bridge inspection and appraisal for 22 Kauai County bridges.   |
| KC4          | Hardy Street Safety Improvements   | Roadway safety improvements including reconstruction and widening of traffic lanes, construction of turning lanes, sidewalks, drainage inlets and culvert extension, replacement and upgrades, revising street parking, utility adjustments, traffic sign and striping, and other roadway improvements. The project will start at the Hardy Street/Kuhio Highway intersection and terminate at the Hardy Street/Rice Street intersection for 0.7 miles of improvements. |
| KC5          | Kamalu Road Bridge   | Realignment of Kamalu Road from its intersection with Opaekaa Road to a point approximately 3,305 feet east including installation of new bridge crossing Kalama Stream.  |
| KC6          | Kokee Road Improvements  | Kokee Road Safety Improvements.   |
| KC7          | Koloa Road Full Depth Reclamation (FDR)  | Full depth reclamation for Koloa Road. 4 mile two-lane major collector road with 12-foot wide lanes.  |
| KC8          | Lydgate Park to Kapaa Bike/Pedestrian Path (Phase III of the Lihue-Anahola Bike Path, Bike Plan Hawaii, April 1994)          | Approximately 2 miles of 12-foot wide, 6-inch thick concrete bike/pedestrian path. The project starts at the south side of the Wailua River Bridge on Kuhio Highway to the intersection of Kuhio Highway (Route 56)/Kuloloku Road (Waikaea Canal).  |

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| Project Code                 | Project  | Project Description  |
|------------------------------|--|--|
| KC9                          | Maluhia Road Improvements  | Widen Maluhia Road from the intersection of Ala Kinoiki to Kaumualii Highway, approximately 2.5 miles long to develop two 12-foot wide traffic lanes with 6-foot wide pave shoulders, including drainage improvements, replacement of existing bridges and land acquisition.   |
| KC10                         | Nawiliwili to Ahukini Bike/Pedestrian Path (Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan Hawaii, April 1994) | Approximately 6 miles of 12-foot wide, 6-inch thick concrete bike/pedestrian path. The project starts at Nawiliwili and ends at Ahukini Landing.   |
| KC11                         | Northerly Leg of the Western Bypass Road   | Construction of a major collector roadway from Koloa Road at its intersection with the Southerly Leg of the Western By Pass Road to Ala Kinoiki and Maluhia Road. This connector roadway will complete the circulatory loop road between Poipu, Kukui Ula and Koloa Community. A bridge will span Omao Stream and Omao Road will be realigned as a T-intersection with the Western By Pass Road. |
| KC12                         | Resurfacing of Olohena Road (Collector Road)   | Resurface a total of approximately 17,000 feet of road from Kukui Road to Kamalu Road. Place 1-1/2" ac pavement.   |
| KC13                         | Resurfacing of Kokee Road (Collector Road)   | Resurface approximately 20,000 feet of roadway starting at Waimea Canyon Drive. Place 1-1/2" ac overlay over existing ac pavement.   |
| KC14                         | Resurfacing of Puhi Road, Kukui Street, Ulu Street, Waimea Road, Hanapepe Road, Weke Road, and Aku Road (Collector Roads)  | Resurface a total of approximately 13,700 feet of roads. Place 1-1/2" ac overlay over existing ac pavement.  |
| KC15                         | Puuopae Bridge Replacement - Kalama Stream   | Single lane bridge on Puuopae Road over Kalama Stream located 0.1 miles west of Kipapa Road - Puuopae Road junction.   |
| <b>COUNTY OF KAUAI - FTA</b> |  |  |
| KC16                         | Non-Urbanized Area Formula   | Non-Urban Transit Operations and State Administration.   |

## **VIII. Project Consistency with Statewide and Regional Transportation Plans**

## **VIII. CONSISTENCY WITH STATEWIDE AND REGIONAL TRANSPORTATION PLANS**

A primary consideration in the selection of projects statewide was consistency with the statewide and regional transportation plans. It has been determined that the FY 2006-2008 STIP is consistent with the Statewide Transportation Plan and the Long Range Plan of the various counties.

### **Statewide Transportation Plan (STP)**

A project-by-project evaluation has determined the 2006-2008 STIP is consistent with the goals and objectives of the STIP. See attached table of STP goals and objectives.

### **Regional Plans**

The Regional Plans for Hawaii are:

- Transportation for Oahu Plan - TOP 2025 (April 2001)
- Hawaii Long-Range Land Transportation Plan (May 1998)
- Maui Long-Range Land Transportation Plan (February 1997)
- Kauai Long-Range Land Transportation Plan (May 1997)

OMPO has determined that the TIP is consistent with the TOP 2025 (see Appendix 1).

The Long-Range Land Transportation Plans (LRLTP) serves as a guide for the development of the major surface transportation facilities and programs to be implemented within each county.

The attached list includes the project-by-project evaluation and identifies which projects are listed in the regional plans.

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HAWAII STATE TRANSPORTATION PLAN

MISSION: TO FACILITATE THE SAFE, ECONOMIC, EFFICIENT AND CONVENIENT MOVEMENT OF PEOPLE AND GOODS.

| HSTP<br>CODE | DESCRIPTION OF GOALS  | HSTP<br>CODE | DESCRIPTION OF OBJECTIVES  |
|--------------|---|--------------|--|
|              | <b>MOBILITY AND ACCESSIBILITY</b>   |              |  |
| <b>G1</b>    | <b>Goal 1:</b> Achieve an integrated multi-modal transportation system that provides mobility & accessibility for people and goods. | <b>G1O1</b>  | <b>Objective 1:</b> To preserve, maintain and improve the transportation system infrastructure and facilities.<br>A. Improve connectivity of the transportation system.<br>B. Increase capacity.<br>C. Pursue the maintenance & rehabilitation of the transportation system<br>D. Ensure provision of essential operations and facilities.   |
|              |   | <b>G1O2</b>  | <b>Objective 2:</b> To increase the efficiency of the transportation system operations.<br>A. Enhance intermodal connectivity.<br>B. Employ strategies to reduce transportation demand.<br>C. Enhance performance of transportation system.  |
|              |   | <b>G1O3</b>  | <b>Objective 3:</b> To promote alternative transportation mode choice.<br>A. Provide a reasonable level and variety of public transit services that adequately meet statewide and community needs.<br>B. Provide affordable, viable alternatives that are convenient and accessible.<br>C. Promote pedestrian and cyclists safety.   |
|              |   | <b>G1O4</b>  | <b>Objective 4:</b> To reduce congestion and delay.<br>A. Increase capacity.<br>B. Employ strategies to reduce transportation demand.  |
|              | <b>SAFETY AND SECURITY</b>  |              |  |
| <b>G2</b>    | <b>Goal 2:</b> Ensure the safety and security of transportation systems.  | <b>G2O1</b>  | <b>Objective 1:</b> To enhance the safety of the transportation system.<br>A. Provide safe facilities and infrastructure.<br>B. Promote the safe use of the transportation systems.  |
|              |   | <b>G2O2</b>  | <b>Objective 2:</b> To ensure the secure operation and use of the transportation system.<br>A. Employ various safety and security measures as required.<br>B. Utilize law enforcement at problem locations.  |
|              | <b>ENVIRONMENT AND QUALITY OF LIFE</b>  |              |  |
| <b>G3</b>    | <b>Goal 3:</b> Protect and enhance the environment and improve the quality of life.   | <b>G3O1</b>  | <b>Objective 1:</b> To provide a transportation system, that is environmentally compatible and sensitive to cultural and natural resources.<br>A. Provide facilities and infrastructure that are environmentally friendly.<br>B. Manage and operate the transportation system in an environmentally responsible manner.<br>C. Support environmentally responsible programs & activities. |
|              |   | <b>G3O2</b>  | <b>Objective 2:</b> To ensure that transportation system supports comprehensive land use policies and livability in urban and rural areas.<br>A. Provide a transportation system that supports and enhances quality of life.<br>B. Encourage the use of non-motorized transportation modes.<br>C. Minimize disruption of existing neighborhoods due to transportation.                   |



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|           |  |             |   |
|-----------|--|-------------|---|
|           | <b>ECONOMIC DEVELOPMENT</b>  |             |   |
| <b>G4</b> | <b>Goal 4: Support Hawaii's Economic Vitality.</b>   | <b>G4O1</b> | <p><b>Objective 1:</b> To provide and operate a transportation system to accommodate existing and emerging economic developments and opportunities.</p> <p><b>A.</b> Provide a direct, convenient and physically suitable system for goods movement to transportation facilities and commercial and industrial areas.</p> <p><b>B.</b> To promote efficient and cost effective operations of the transportation system.</p>                       |
|           |  | <b>G4O2</b> | <p><b>Objective 2:</b> To provide a transportation system that balances the need for economic development with quality of life issues.</p> <p><b>A.</b> Make transportation investment that reflect each islands scale and foster the quality of life of the people who live there.</p> <p><b>B.</b> Target transportation investments in coordination with community involvement.</p>  |
|           | <b>INTEGRATED STATEWIDE PLANNING, PROGRAMMING, AND DECISION-MAKING</b>                                 |             |   |
| <b>G5</b> | <b>Goal 5: Achieve a Statewide Planning Process that is comprehensive, cooperative and continuing.</b> | <b>G5O1</b> | <p><b>Objective 1:</b> To improve coordination and cooperation between all levels of government, the private sector, and the general public.</p> <p><b>A.</b> Support and conducts the Statewide Transportation Planning Process.</p> <p><b>B.</b> Improve communication between all levels of government, private sector and the general public.</p> <p><b>C.</b> Integrate approved policies, programs and plans from levels of government.</p> |
|           |  | <b>G5O2</b> | <p><b>Objective 2:</b> To involve the public and stakeholders to the fullest practicable extent in the planning and implementation of the transportation system.</p> <p><b>A.</b> Develop programs to ensure opportunity for public and stakeholders' involvement.</p> <p><b>B.</b> Ensure responsiveness to public concerns.</p>   |
|           |  | <b>G5O3</b> | <p><b>Objective 3:</b> To develop and maintain a transportation financial structure that provides adequate and dependable resources.</p> <p><b>A.</b> Optimize all possible financial resources.</p> <p><b>B.</b> Develop an ongoing comprehensive financial program.</p>   |

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| Proj. Code | Project   | HSTP Goal and Objectives             | Long Range Plan |
|------------|---|--------------------------------------|-----------------|
|            | <b>STATEWIDE - FHWA</b>   |                                      |                 |
| S1         | Bridge Inspection and Appraisal   | G101-4, G201-2                       |                 |
| S2         | Highways Planning, Statewide  | G101, G102, G104, G201-2, G501       |                 |
| S3         | Highways Research and Development Program   | G101, G102, G104, G201-2, G501       |                 |
| S4         | Improvements to Intersections and Highway Facilities, Statewide   | G101-4, G201-2, G301-2, G401, G502   |                 |
| S5         | National Recreational Trails Program  | G301-2, G501-3                       |                 |
| S6         | Pedestrian Facilities and ADA Compliance at Various Locations, Statewide                                | G101-3, G201-2, G401                 |                 |
| S7         | Public Lands Highways Discretionary Project   | G101-2, G501-3                       |                 |
| S8         | Statewide Highway Landscape Masterplan  | G101-2, G301                         |                 |
| S9         | Technology Transfer and Technical Assistance Program  | G101-2, G501-2                       |                 |
| S10        | Traffic Counting Stations, Various Locations  | G101-2, G301, G501                   |                 |
| S11        | Traffic Signal Modernization at Various Locations, Statewide  | G101, G102, G104, G201, G301, G401   |                 |
| S12        | Update existing Statewide Pavement Management System and Pavement Design Manual                         | G101, G102, G104, G201-2, G301, G401 |                 |
| S13        | Van Pool Program  | G101-4, G301-2, G402, G502           | Y               |
|            | <b>STATEWIDE - FTA</b>  |                                      |                 |
| S14        | Elderly and Persons with Disabilities Program   | C101-4, G201-2                       |                 |
| S15        | Non-Urbanized Area Formula  | G101, G102, G104, G201-2, G301, G401 |                 |
| S16        | Nonurbanized Area Formula Program, State Administration, Rural Transportation Assistance Program (RTAP) | G401-2, G501-2                       |                 |
|            | <b>OAHU: STATE - FHWA</b>   |                                      |                 |
| OS1        | Farrington Highway, Rehabilitation of Kaupuni Stream Bridge   | G101-4, G201-2, G301-2, G401         |                 |
| OS2        | Farrington Highway, Bridge Replacement, Maipalaoa Bridge  | G101-4, G201-2, G301-2, G401, G502   |                 |
| OS3        | Farrington Highway, Bridge Replacement Makaha Bridges #3 and #3A  | G101, G102, G104, G201-2, G301       |                 |
| OS4        | Farrington Highway Intersection Improvements at Haleakala Avenue  | G101-4, G201-2, G301-2, G401, G502   | Y               |
| OS5        | Farrington Highway Intersection Improvements at Luualaei Homestead Road                                 | G101, G102, G104, G201-2, G301, G401 |                 |
| OS6        | Farrington Highway Intersection Improvements at Nanakuli Avenue   | G101, G102, G104, G201-2, G301, G401 | Y               |

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|------------|---|--------------------------------------|-----------------|
| OS7        | Fort Barrette Road Widening, Farrington Highway to Barber's Point Gate  | G101-4, G201-2, G301-2, G401, G502   | Y               |
| OS8        | Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway  | G101-4, G201-2, G301-2, G401, G502   | Y               |
| OS9        | Freeway Service Patrol  | G104, G201-2, G301, G401             | Y               |
| OS10       | Guardrail and Shoulder Improvements, Various Locations  | G101-4, G201-2, G301-2, G401, G502   |                 |
| OS63       | Interstate Route H-1, Addition and Modification of Freeway Access, Makakilo, IC to Palaiiai IC (Kapolei IC Complex)         | G101-4, G201-2, G301-2, G401, G502   | Y               |
| OS11       | Interstate Route H-1, Deck Repair Airport Viaduct, MP 15.73 to MP 18.52   | G101-4, G201-2, G301-2, G401, G502   |                 |
| OS12       | Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street to Punchbowl Street                                | G101-4, G201-2, G301-2, G401, G502   |                 |
| OS13       | Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Gulick Avenue, Phase 1                           | G101, G102, G104, G201-2, G301, G401 |                 |
| OS14       | Interstate Route H-1, Lunalilo Street On-Off Ramp Improvements  | G101-4, G201-2, G301-2, G401, G502   | Y               |
| OS15       | Interstate Route H-1, Pearl City Viaduct and Waimalu Viaduct Improvements   | G101-4, G201-2, G301-2, G401, G502   | Y               |
| OS16       | Interstate Route H-1, Seismic Retrofit Farrington Hwy, Makakilo Separation, and Military Rd Overpass                        | G101-4, G201-2, G301-2, G401, G502   |                 |
| OS17       | Interstate Route H-1, Seismic Retrofit Lunalilo - Vineyard On-Ramp  | G101-4, G201-2, G301-2, G401, G502   |                 |
| OS18       | Interstate Route H-1 Widening, Eastbound, Waiawa Interchange to Halawa Interchange  | G101-4, G201-2, G301-2, G401         | Y               |
| OS19       | Interstate Route H-1 and H-2, Destination Sign Upgrade/Replacement  | G101-4, G201-2, G301-2, G401, G502   |                 |
| OS20       | Interstate Route H-1, Waiawa Interchange, Westbound, Additional Westbound Lane  | G101-4, G201-2, G301-2, G401, G502   | Y               |
| OS21       | Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements  | G101-4, G201-2, G301-2, G401, G502   | Y               |
| OS22       | Interstate Route H-2 Rehabilitation, Waipio IC On/Off Ramps, Ka Uka Blvd & Meheula Pkwy Overpasses and Kipapa Stream Bridge | G101-4, G201-2, G301-2, G401, G502   |                 |
| OS23       | Interstate Route H-3, H-3 Finish, Unit VII B  | G101-4, G201-2, G301-2               |                 |
| OS24       | James Campbell National Wildlife Refuge Improvements ( Managed by FWS)  | G301-02, G401-2                      |                 |
| OS25       | Kahekili Highway Intersection Improvements in the Vicinity of Hui Iwa Street  | G101-4, G201-2, G301-2, G401, G502   | Y               |
| OS26       | Kalaeloa Roadway Improvements, Vicinity of Barber's Point Naval Air Station   | G101-4, G201-2, G301-2, G401, G502   | Y               |
| OS27       | Kalaniana'ole Highway Improvements, Vicinity of Hawaii Kai Drive to Keahole Street  | G101-4, G201-2, G301-2, G401, G502   |                 |
| OS28       | Kalaniana'ole Highway Improvements, Olomana Golf Course to Waimanalo Beach Park, Oahu                                       | G101-4, G201-2, G301-2, G401, G502   |                 |

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|------------|---|------------------------------------|-----------------|
| OS29       | Kalaniana'ole Highway Improvements, Retaining Wall at Makapuu                               | G101-2, G201, G301-2, G401         | Y               |
| OS30       | Kamehameha Highway, Bridge Replacement, Kaipapau Stream Bridge                              | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS31       | Kamehameha Highway, Bridge Replacement, Kaluanui Stream Bridge                              | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS32       | Kamehameha Highway, Bridge Replacement, Kawela Stream Bridge                                | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS33       | Kamehameha Highway, Bridge Replacement, North Kahana Stream Bridge                          | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS34       | Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge                          | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS35       | Kamehameha Highway, Bridge Replacement, South Punaluu Bridge                                | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS36       | Kamehameha Highway, Bridge Replacement, Upper Poamoho Stream Bridge                         | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS37       | Kamehameha Highway Bridge Replacement, Waiahole Bridge                                      | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS38       | Kamehameha Highway, Highway Lighting Improvements, MP 20.7 to MP 23.8                       | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS39       | Kamehameha Highway, In-Bound Cane Haul Road Structure Replacement, Vicinity of Waipahu      | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS40       | Kamehameha Highway Intersection Improvements at Kuilima Drive                               | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS41       | Kamehameha Highway, Out-Bound Cane Haul Road Structure Replacement, Vicinity of Waipahu     | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS42       | Kamehameha Highway, Rehabilitation of Kawaihoa Stream Bridge                                | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS43       | Kamehameha Highway, Rehabilitation of Laieloa Stream Bridge                                 | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS44       | Kamehameha Highway, Rehabilitation of Makaua Stream Bridge                                  | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS45       | Kamehameha Highway, Rehabilitation of Waikane Stream Bridge                                 | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS46       | Kamehameha Highway, Rehabilitation of Waipilopilo Stream Bridge                             | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS47       | Kamehameha Highway Resurfacing, Interstate Route H-2 to Waihou Street                       | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS48       | Kamehameha Highway, Rockfall Protection Vicinity of Kahuku                                  | G101-4, G201-2, G301               |                 |
| OS49       | Kamehameha Highway Shoreline Protection   | G101-4, G201-2, G301               |                 |
| OS50       | Kamehameha Highway, Shoreline Protection, Vicinity of Kawaihoa Beach                        | G101-4, G201-2, G301               |                 |
| OS51       | Kamehameha Highway Wetland Enhancement, Vicinity of Ukoa Pond                               | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS52       | Leeward Bikeway, Phase I, Waipio Point Access Road to Hawaii Railroad Society Train Station | G101-4, G201-2, G301-2, G401, G502 | Y               |
| OS53       | Leeward Community College 2nd Access Improvements   | G101-4, G201-2, G301-2, G401, G502 | Y               |
| OS54       | Moanalua Freeway and Interstate H-2 Freeway Guardrail and Shoulder Improvements             | G101-4, G201-2, G301-2, G401, G502 |                 |

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|------------|---|------------------------------------|-----------------|
| OS55       | Moanalua Freeway, Lighting Improvements, MP 0 to 0.73   | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS56       | Moanalua Freeway, Highway Lighting Improvements, MP 1.12 to 4.09  | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS57       | Nimitz Highway Intersection Improvements at Valkenburg Street   | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS58       | North/South Road, Vicinity of Farrington Highway to Interstate Route H-1, Phase IB                            | G101-4, G201-2, G301-2, G401, G502 | Y               |
| OS59       | Pali Highway, Castle Junction, Rockfall Protection, Kailua Bound  | G101-4, G201-2, G301               |                 |
| OS60       | Traffic Signal Modernization at Various Locations on Oahu (Waialae, Nimitz, Farrington, Pali & Likelike Hwys) | G101-4, G201-2, G301-2, G401, G502 |                 |
| OS61       | Vanpool Program, Oahu   | G102-4, G302                       | Y               |
|            | <b><u>OAHU: STATE - FTA</u></b>   |                                    |                 |
| OS62       | Elderly & Persons With Disabilities Program Vehicle Acquisition for Urban Areas                               | G101-4, G201-2                     |                 |
|            | <b><u>CITY &amp; COUNTY OF HONOLULU - FHWA</u></b>  |                                    |                 |
| OC1        | Alapai Transit Center and Joint Traffic Management Center   | G101-4, G201-2, G301-2, G401       | Y               |
| OC2        | Bridge Inspection and Appraisal Program   | G101-4, G201-2, G301-2, G401       |                 |
| OC3        | Computerized Traffic Control System   | G101-4, G201-2, G301-2, G401       | Y               |
| OC4        | Hihimanu Street Sidewalk Improvements   | G101-4, G201-2, G301-2, G401       |                 |
| OC5        | Honolulu Traffic Control Center Operations  | G101-4, G201-2, G301-2, G401       | Y               |
| OC6        | Kamokila Boulevard Extension  | G101-4, G201-2, G301-2, G401, G502 |                 |
| OC7        | Kapolei Parkway   | G101-4, G201-2, G301-2, G401, G502 | Y               |
| OC8        | Kapunahala Stream Flood Control Project, Kaneohe, TMK: 4-5-23 & 24, Between Pookela and Keneke Streets        | G101-4, G201-2, G301-2, G401       |                 |
| OC9        | Makakilo Drive Extension  | G101-4, G201-2, G301-2, G401       | Y               |
| OC24       | Salt Lake Boulevard Widening, Phase 2B  | G101-4, G201-2, G301-2, G401, G502 | y               |
| OC10       | Seismic Bridge Retrofit   | G101-4, G201-2, G301-2, G401, G502 |                 |
| OC11       | Traffic Signal Maintenance Facility   | G101-4, G201-2, G301-2, G401       | Y               |
| OC12       | Traffic Signal Optimization, Phase 3  | G101-4, G201-2, G301-2, G401, G502 | Y               |
| OC13       | Traffic Signals at Various Intersections  | G101-4, G201-2, G301-2, G401, G502 | Y               |
|            | <b><u>CITY &amp; COUNTY OF HONOLULU - FTA</u></b>   |                                    |                 |
| OC14       | Alapai Transit Center and Joint Traffic Management Center   | G101-4, G201-2, G301-2, G401       | Y               |
| OC15       | Bus and Handi-Van Acquisition Program   | G101-4, G201-2, G301-2, G401, G502 |                 |

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|------------|---|------------------------------------|-----------------|
| OC16       | Honolulu High Capacity Transit  | G101-4, G201-2, G301-2, G401, G502 |                 |
| OC17       | Middle Street Intermodal Center   | G101-4, G201-2, G301-2, G401, G502 |                 |
| OC18       | Oahu Intra-Island Ferry   | G101-4, G201-2, G301, G401         | Y               |
| OC19       | Preventative Maintenance  | G101-4, G201-2, G301-2, G401       |                 |
| OC20       | Transfer to FHWA for Vanpool  | G101-4, 301, G302, G402, G502      |                 |
| OC21       | Transit Radio Replacement Phase III   | G101-4, G201-2, G301-2, G401       |                 |
| OC22       | Transit Related Safety and Security Projects  | G101-4, G201-2, G301-2, G401       |                 |
| OC23       | Wahiawa Transit Center  | G101-4, G201-2, G301-2, G401, G502 |                 |
|            | <b>HAWAII: STATE - FHWA</b>   |                                    |                 |
| HS1        | Akoni Pule Highway Bicycle Improvements, Mahukona Warf Access Road to Hawi Road                   | G101-4, G201-2, G301-2, G401, G502 |                 |
| HS2        | Crater Rim Road Improvements & Improvements to Hawaii Volcano National Park (NPS)                 | G101-4, G201-2, G301-2, G401, G502 |                 |
| HS3        | Guardrail and Shoulder Improvements, Various Locations  | G101-4, G201-2, G301-2, G401, G502 |                 |
| HS4        | Hawaii Belt Road, Clean and Paint Steel Members, Kukaiau, Kawaikahi, Ninole and Maulua Bridges    | G101-4, G201-2, G301-2, G401, G502 |                 |
| HS5        | Hawaii Belt Road Drainage Improvements, Vicinity of Hakalau Bridge                                | G101-4, G201-2, G301-2, G401, G502 |                 |
| HS6        | Hawaii Belt Road, Guardrail and Shoulder Improvements Kalopa Towards Waipunahina Bridge           | G101-4, G201-2, G301-2, G401, G502 |                 |
| HS7        | Hawaii Belt Road, Guardrail and Shoulder Improvements, Kahawailili Bridge Towards Kalopa          | G101-4, G201-2, G301-2, G401, G502 |                 |
| HS8        | Hawaii Belt Road, Guardrail and Shoulder Improvements, Pakalana Street to Paauhau Road            | G101-4, G201-2, G301-2, G401, G502 |                 |
| HS9        | Hawaii Belt Road, Guardrail and Shoulder Improvements, Paauhau Road to Papalele Road              | G101-4, G201-2, G301-2, G401, G502 |                 |
| HS10       | Hawaii Belt Road, Guardrail and Shoulder Improvements, Waipunahina Bridge Towards Kawaiili Bridge | G101-4, G201-2, G301-2, G401, G502 |                 |
| HS11       | Hawaii Belt Road, Halaulani Bridge Removal  | G101-4, G201-2, G301-2, G401, G502 |                 |
| HS12       | Hawaii Belt Road, Mud Lane to The Kamuela Race Track ( Waimea Bypass)                             | G101-4, G201-2, G301-2, G401, G502 | Y               |
| HS13       | Hawaii Belt Road, Rockfall Protection at Various Sections, Phase I                                | G101-4, G201-2, G301-2, G401, G502 |                 |
| HS14       | Hawaii Belt Road - Seismic Retrofit, Vicinity of Hilo, Phase 2                                    | G101-4, G201-2, G301-2, G401, G502 |                 |
| HS15       | Hawaii Belt Road, Seismic Retrofit, Vicinity of Laupahoehoe, Phase II                             | G101-4, G201-2, G301-2, G401, G502 |                 |

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|------------------------------|--|--------------------------------------|-----------------|
| HS16                         | Hawaii Belt Road - Seismic Retrofit, Vicinity of Papaikou, Hakalau Bridge                    | G101-4, G201-2, G301-2, G401, G502   |                 |
| HS17                         | Kanoiehua Avenue, Inbound Widening, Kamehameha Avenue to Puainako Street                     | G101-4, G201-2, G301-2, G401, G502   | Y               |
| HS18                         | Kawaihae Road, Waiaka Stream Bridge Replacement and Realignment of Approaches                | G101-4, G201-2, G301-2, G401, G502   |                 |
| HS19                         | Keaau-Pahoa Road, Shoulder Lane Conversion, Keaau Bypass Road to Shower Drive                | G101-4, G201-2, G301-2, G401, G502   | Y               |
| HS20                         | Kealakehe Parkway Extension, Keanalehu Drive to Kealakaa Street                              | G101-4, G201-2, G301-2, G401         | Y               |
| HS21                         | Mamalahoa Highway Drainage Improvements at Kawa  | G101-4, G201-2, G301-2, G401, G502   |                 |
| HS22                         | Mamalahoa Highway Safety Improvements in the Vicinity of C. Q. Yee Hop Ranch                 | G101-4, G201-2, G301-2, G401, G502   |                 |
| HS23                         | Mamalahoa Highway Safety Improvements in the Vicinity of Puuwaawaa Ranch Road                | G101-4, G201-2, G301-2, G401, G502   |                 |
| HS24                         | Puainako Street Widening, Phase 1 Komohana to Kilauea  | G101-4, G201-2, G301-2, G401         |                 |
| HS25                         | Queen Kaahumanu Highway Widening, Kealakehe Parkway to Keahole Airport Access Road, Phase II | G101-4, G201-2, G301-2, G401         | Y               |
| HS26                         | Route PLH 10(1), D181 Honokohau Harbor Access Road (CFL): 3R                                 | G101-4, G201-2, G301-2, G401         |                 |
| HS27                         | Saddle Road Extension  | G101-4, G201-2, G301-2, G401         | Y               |
| HS28                         | Saddle Road Improvements, Kaumana (MP 6) to Mamalahoa Highway (MP 53.5)                      | G101-4, G201-2, G301-2, G401, G502   | Y               |
| HS29                         | Volcano Road Intersection Improvements at Kulani Road  | G101-4, G201-2, G301-2, G401, G502   |                 |
| <b>COUNTY OF HAWAII-FHWA</b> |  |                                      |                 |
| HC1                          | Bridge Inspection and Appraisal  | G101-4, G201-2                       |                 |
| HC2                          | Alii Drive Road Improvements Along Oneo Bay from Hualalai Road to Walua Road                 | G101-4, G201-2, G301-2, G401, G502   |                 |
| HC3                          | Alii Highway, Phase 2, Kamehameha III Road to Kuakini Highway                                | G101-4, G201-2, G301-2, G401, G502   | Y               |
| HC4                          | Hilo Roads Guardrail and Retaining Wall Improvements   | G101-4, G201-2, G301-2, G401, G502   |                 |
| HC5                          | Kuakini Highway Widening, Hualalai Road to Alii Highway                                      | G101-4, G201-2, G301-2, G401, G502   | Y               |
| HC6                          | Mohouli Street Improvements, Komohana Street to Kinooie Street                               | G101-4, G201-2, G301-2, G401, G502   |                 |
| HC7                          | Palani-Kealakaa Intersection and Traffic Signal Improvements                                 | G101-4, G201-2, G301-2, G401, G502   |                 |
| HC8                          | Waimea Trails and Greenways  | G101-2, G301-2, G402                 |                 |
| <b>COUNTY OF HAWAII-FTA</b>  |  |                                      |                 |
| HC9                          | Non-Urbanized Area Formula   | G101, G102, G104, G201-2, G301, G401 |                 |

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|            | <b><u>MAUI: STATE-FHWA</u></b>  |                                    |                 |
| MS1        | Guardrail and Shoulder Improvements, Various Locations                                | G101-4, G201-2, G301-2, G401, G502 |                 |
| MS2        | Haleakala National Park Access Road, Bikeway Pull-out Areas                           | G101-4, G201-2, G301-2, G401, G502 |                 |
| MS3        | Hana Highway/Kaahumanu Avenue Beautification, Dairy Road to Naniloa Overpass          | G101-2, G201-2, G301, G401         |                 |
| MS4        | Hana Highway Widening, Kaahumanu Avenue to Vicinity of Airport Access Road            | G101-4, G201-2, G301-2, G401, G502 | Y               |
| MS5        | Honoapiilani Highway, Replacement of Honolua Bridge                                   | G101-4, G201-2, G301-2, G401, G502 |                 |
| MS6        | Kahului Airport Access Road Puunene Ave. to Hana Highway                              | G101-4, G201-2, G301-2, G401, G502 | Y               |
| MS7        | Kahului Beach Road Lighting Improvements at Kanaloa Avenue                            | G101, G102, G104, G201-2, G301     |                 |
| MS8        | Lahaina Bypass, Launiupoko to Lahainaluna Road, Phase 1B, MP 16 to MP 16.9 to MP 20.9 | G101-4, G201-2, G301-2, G401, G502 | Y               |
| MS9        | Puunene Avenue Safety Improvements, Kaahumanu Avenue to Kamehameha Avenue             | G101-4, G201-2, G301-2, G401, G502 |                 |
| MS10       | Puunene Avenue Widening, Wakea Avenue to Kuihelani Highway, MP 0.46 to MP 1.09        | G101-4, G201-2, G301-2, G401       | Y               |
| MS11       | Route PLH 10(2), through Kakahaia National Wildlife Refuge (CFL); 3R                  | G101-4, G201-2, G301-2, G401       |                 |
| MS12       | Waiehu Beach Road, Rehabilitation of Iao Stream Bridge                                | G101-4, G201-2, G301-2, G401, G502 |                 |
| MS13       | Kamehameha V Highway, Guardrail and Shoulder Improvements MP 7.8 to MP 11.3           | G101-4, G201-2, G301-2, G401, G502 |                 |
| MS14       | Kamehameha V Highway, Kawela Stream Bridge Replacement                                | G101-4, G201-2, G301-2, G401, G502 |                 |
| MS15       | Kamehameha V Highway, Replacement of Makakupaia Stream Bridge                         | G101-4, G201-2, G301-2, G401, G502 |                 |
|            | <b><u>MAUI: STATE - FTA</u></b>   |                                    |                 |
| MS16       | Lahaina Small Boat Harbor - Ferry Pier Improvements                                   | G101-4, G201-2, G301-2, G401, G502 |                 |
| MS17       | Manele Small Boat Harbor - Ferry Pier and Landside Improvements                       | G101-4, G201-2, G301-2, G401, G502 |                 |
|            | <b><u>COUNTY OF MAUI - FHWA</u></b>   |                                    |                 |
| MC1        | Alaaula Bridge Replacement  | G101-4, G201-2, G301-2, G401, G502 |                 |
| MC2        | Bridge Inspection and Appraisal of Various Maui County Bridges                        | G101-4, G201-2                     |                 |
| MC3        | Hina Avenue Traffic Signal at Papa Avenue   | G101-4, G201-2, G301-2, G401, G502 |                 |
| MC4        | Kahawaiokapia Bridge Replacement  | G101-4, G201-2, G301-2, G401, G502 |                 |
| MC5        | Kamehameha Avenue Traffic Signal Installation at Hina Avenue                          | G101-4, G201-2, G301-2, G401, G502 |                 |
| MC6        | Keawe Street Extension  | G101-4, G201-2, G301-2, G401, G502 |                 |



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|------------|--|--------------------------------------|-----------------|
| MC7        | Koukouai Bridge Modifications  | G101-4, G201-2, G301-2, G401, G502   |                 |
| MC8        | Kulanihakoi Bridge Replacement   | G101-4, G201-2, G301-2, G401, G502   |                 |
| MC9        | Lelekea Bridge Replacement   | G101-4, G201-2, G301-2, G401, G502   |                 |
| MC10       | Lono Avenue Traffic Signal Improvements at Papa Avenue                               | G101-4, G201-2, G301-2, G401, G502   |                 |
| MC11       | Lono Avenue Traffic Signal Upgrade at Kamehameha Avenue                              | G101-4, G201-2, G301-2, G401, G502   |                 |
| MC12       | Makawao Avenue - Makani Road Improvements, Eddie Tam Gym to Kalama School            | G101-4, G201-2, G301-2, G401, G502   |                 |
| MC13       | Mill Street Traffic Signal at Imi Kala Street  | G101-4, G201-2, G301-2, G401, G502   |                 |
| MC14       | South Kihei Road Traffic Signal at Keonekai Road                                     | G101-4, G201-2, G301-2, G401, G502   |                 |
| MC15       | Wakea Avenue Traffic Signal at Hina Avenue   | G101-4, G201-2, G301-2, G401, G502   |                 |
|            | <b>COUNTY OF MAUI - FTA</b>  |                                      |                 |
| MC16       | Non-Urbanized Area Formula   | G101, G102, G104, G201-2, G301, G401 |                 |
|            | <b>KAUAI: STATE - FHWA</b>   |                                      |                 |
| KS1        | Guardrail and Shoulder Improvements at Various Locations, Kauai                      | G101-4, G201-2, G301-2, G401, G502   |                 |
| KS2        | Kapule Highway Intersection Improvements at Rice Street                              | G101-4, G201-2, G301-2, G401, G502   |                 |
| KS3        | Kapule Highway/Rice Street/Waapa Road Improvements and Nawiliwili Bridge Replacement | G101-4, G201-2, G301-2, G401, G502   |                 |
| KS4        | Kaumualii Highway Intersection Improvements at Halewili Road, Eleele                 | G101-4, G201-2, G301-2, G401, G502   |                 |
| KS5        | Kaumualii Highway Widening, Rice Street to Puhi Road, Phase 1A                       | G101-4, G201-2, G301-2, G401, G502   | Y               |
| KS6        | Kaumualii Highway, Bridge Rehabilitation of Omao Bridge                              | G101-4, G201-2, G301-2, G401, G502   |                 |
| KS7        | Kuhio Highway Intersection Improvements at Mailihuna Road                            | G101-4, G201-2, G301-2, G401, G502   |                 |
| KS8        | Kuhio Highway, Replacement of Kapaia Bridge  | G101-4, G201-2, G301-2, G401, G502   |                 |
| KS9        | Kuhio Highway, Replacement of Waioli, Waipa and Waikoko Stream Bridges               | G101-4, G201-2, G301-2, G401, G502   |                 |
| KS10       | Kuhio Highway Widening, Wailua Bridge to Papaloa Road                                | G101-4, G201-2, G301-2, G401, G502   | Y               |
|            | <b>COUNTY OF KAUAI - FHWA</b>  |                                      |                 |
| KC1        | Kauai ADA Priority 2 Curb Ramps and Sidewalks  | G101, G102, G201, G202, G103, G401   |                 |
| KC2        | Ahikini to Lydgate Park Bike/Pedestrian Path   | G101-4, G201-2, G301, G401           |                 |
| KC3        | Bridge Inspection and Appraisal  | G101-4, G201-2, G301-2, G401, G502   |                 |
| KC4        | Hardy Street Safety Improvements   | G101-4, G201-2, G301-2, G401, G502   |                 |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
FY 2004 THRU FY 2006

| Proj.<br>Code | Project   | HSTP Goal and Objectives           | Long<br>Range<br>Plan |
|---------------|---|------------------------------------|-----------------------|
| KC5           | Kamalu Road Bridge  | G101-4, G201-2, G301-2, G401, G502 |                       |
| KC6           | Kokee Road Improvements   | G101-4, G201-2, G301-2, G401, G502 |                       |
| KC7           | Koloa Road Full Depth Reclamation (FDR)   | G101-4, G201-2, G301-2, G401, G502 |                       |
| KC8           | Lydgate Park to Kapaa Bike/Pedestrian Path  | G101-4, G201-2, G301, G401         |                       |
| KC9           | Maluhia Road Improvements   | G101-4, G201-2, G301-2, G401, G502 |                       |
| KC10          | Nawiliwili to Ahukini Landing Bike/Pedestrian Path  | G101-4, G201-2, G301, G401         |                       |
| KC11          | Northerly Leg of the Western Bypass Road  | G101-4, G201-2, G301-2, G401, G502 |                       |
| KC12          | Resurfacing of Olohena Road (Collector Road)  | G101-4, G201-2, G301-2, G401, G502 |                       |
| KC13          | Resurfacing of Kokee Road (Collector Road)  | G101-4, G201-2, G301-2, G401, G502 |                       |
| KC14          | Resurfacing of Puhi Road, Kukui Street, Ulu Street, Waimea Road, Hanapepe Road, Weke Road, and Aku Road (Collector Roads) | G101-4, G201-2, G301-2, G401, G502 |                       |
| KC15          | Puuopae Bridge Replacement - Kalama Stream  | G101-4, G201-2, G301-2, G401, G502 |                       |
|               | <b>COUNTY OF KAUAI - FTA</b>  |                                    |                       |
| KC16          | Non-Urbanized Area Formula  | G101-4, G201-2, G301, G401, G502   |                       |

## **IX. Financial Plan**

## **IX. FINANCIAL PLAN**

### **FHWA Funds**

The Federal Highway Administration (FHWA) funds are appropriated by Congress. The recent reauthorization of TEA-21, called SAFETEA-LU, by President Bush on August 10, 2005 authorizes funding levels through the end of federal fiscal year 2009 (ends September 30). The funding levels that it establishes are still not clear to date. Presently, funding levels from charts available on the Federal Highway Administration website, were used as an estimation of available obligation authority.

<http://www.fhwa.dot.gov/reauthorization/apportionmentsbyyear.htm>

These charts established that \$149 million, \$153 million and \$158 million in FHWA funds would be available for FY2006, FY2007 and FY2008, respectively (see attached chart). When more detailed funding information from SAFETEA-LU is identified and better defined, it is possible that the actual funding levels will be greater or less than anticipated. An amendment of the STIP will follow to reflect significant changes.

The submitted FHWA STIP for fiscal years 2006-2008 surpasses these limits by \$5 million, \$13 million and \$1 million in FY2006, FY2007 and FY2008 respectively. This totals to \$19 million in unaccounted funding.

To account for this financial shortfall, there are FHWA funds available outside of the regular funding limitation. The portions available are identified in the FHWA Fiscal Management Information System (FMIS) as Minimum Guarantee Special Limitation (MGSL) funds and Minimum Guarantee Exempt (MGE) funds. These funds carry their own authority and can be used to cover the aforementioned financial shortfall. These funds can be spent in any year before they lapse.

According to a FMIS report, as of June 30, 2005, the DOT received \$9.2 million in these kinds of funds in FY 2005 (Note: the Minimum Guarantee program was renamed the Equity Bonus program in SAFETEA-LU). These funds do not represent the full apportionment for FY 2005, but these partial figures are adequate for the purpose of demonstrating financial constraint of the 06-08 STIP.

The FMIS report also identifies an approximate total of \$20 million in un-obligated MGSL and MGE funds that may be used to account for the funding shortfall in the 06-08 program, if it remains untapped this present fiscal year.

Furthermore, given the historical apportionment of MGSL and MGE funds, it will be assumed that the yearly funding level of these funds will be at least as great through the Equity Bonus program. This sum of outside the limitation funds totals to \$27.6 million over three years.

Therefore, presently, there is a minimum of ~\$27.6 million and a maximum of ~\$47.6 million that should be available to cover the \$19 million in over-programmed funding.

## **FTA Funds**

FTA funds are also determined by the latest transportation act. The TIP Report (Appendix 1) provides a discussion on the funding levels for FTA funds for Oahu. FTA funds for the Counties of Hawaii, Maui and Kauai are from 49 USC 5311 non-urbanized area formula program funds, 49 USC 5309 funds and FTA Section 3037 (JARC) funds. Similar to the FHWA funds, exact funding amounts for FTA funds are not clear at this time, even though SAFETEA-LU has been signed. The FTA program will be amendment as necessary as exact numbers are clarified.

## **Local Funds**

All projects included in the STIP have a committed local match or expectations thereof at the time of obligation.

## **State**

The State imposes taxes, fees and charges relating to the operation and use of motor vehicles on the public highways of the State. These funds are deposited into the State Highway Fund, established under Section 248-8, Hawaii Revised Statutes (HRS). Moneys deposited in the State Highway Fund are used for acquisition, planning, design, construction, repair and maintenance of the State Highway System.

The Current taxes, fees and charges deposited to the State Highway Fund consist of:

1. Highway Fuel Taxes
2. Vehicle Registration and Licensing Fees
3. Vehicle Weight Tax
4. Motor Vehicle Rental and Tour Vehicle Surcharge Taxes

Other miscellaneous sources of revenues include interest earnings on moneys previously credited to the State Highways Fund, vehicle weight tax penalties, certain rental income from State Highway System properties, passenger motor vehicle inspection charges, overweight permits, sales of surplus lands, commercial license fees and other miscellaneous Revenues.

Every other fiscal year, the State Department of Transportation (DOT) prepares for Governor's approval on operating and capital improvements program for the next two fiscal years, describing DOT's program that period. After Governor's review and approval, it is submitted to the Legislature as a part of the Administration's biennium budget. The Legislature reviews the biennium budget in detail and authorizes all or a portion of the biennium budget and the individual capital improvements projects.

Authorization of the operating and capital improvements budget by the Legislature as part of the biennium budget includes the appropriation of moneys from designated sources. These appropriations authorize the funding for the local match for the state federal-aid projects in the STIP.

Subsequently, in the first year of a biennium budget, the DOT may revise the second year of that biennium budget for presentation to the Governor for approval and to the Legislature for supplemental authorization.

The previous and current biennium of authorization of State funds are Act 41, Session Laws of Hawaii (SLH) 2004 and Act 178, SLH 2005.

### **County**

Each county programs funds from existing revenue sources for county projects. The counties exercise independent authority under the Hawaii State Constitution to assess, levy and collect real property taxes. The Hawaii Revised Statutes authorizes the counties to fix the fees and charges for all public services not otherwise provided for by the state and to issue general obligation bonds to finance its public improvement projects.



U.S. Department of Transportation

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### 6-YEAR AGGREGATE SUMMARY OF APPORTIONMENTS PURSUANT TO SAFETEA BY YEAR

| State         | FY 2004       | FY 2005       | FY 2006       | FY 2007       | FY 2008       | FY 2009       | Total          |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Alabama       | 543,386,267   | 560,410,462   | 579,819,504   | 597,825,151   | 615,849,537   | 631,364,716   | 3,528,655,636  |
| Alaska        | 318,656,172   | 328,658,750   | 340,062,558   | 350,641,728   | 361,231,979   | 370,347,984   | 2,069,599,171  |
| Arizona       | 470,073,266   | 484,792,711   | 501,573,928   | 517,143,123   | 532,727,146   | 546,140,918   | 3,052,451,093  |
| Arkansas      | 354,462,884   | 365,551,221   | 378,192,898   | 389,920,356   | 401,660,168   | 411,765,743   | 2,301,553,270  |
| California    | 2,589,171,288 | 2,670,357,629 | 2,762,915,058 | 2,848,792,705 | 2,934,746,925 | 3,008,728,123 | 16,814,711,728 |
| Colorado      | 356,088,927   | 367,219,095   | 379,908,257   | 391,681,103   | 403,465,001   | 413,607,771   | 2,311,970,155  |
| Connecticut   | 408,206,127   | 421,020,302   | 435,629,429   | 449,183,074   | 462,749,968   | 474,427,712   | 2,651,216,611  |
| Delaware      | 119,684,572   | 123,425,857   | 127,691,187   | 131,648,472   | 135,609,507   | 139,018,913   | 777,078,508    |
| Dist. of Col. | 106,985,836   | 110,335,948   | 114,155,301   | 117,698,885   | 121,245,760   | 124,298,646   | 694,720,376    |
| Florida       | 1,323,201,392 | 1,364,689,348 | 1,411,988,350 | 1,455,872,684 | 1,499,797,300 | 1,537,604,069 | 8,593,153,143  |
| Georgia       | 972,344,370   | 1,002,832,752 | 1,037,591,976 | 1,069,838,829 | 1,102,118,296 | 1,129,903,551 | 6,314,629,774  |
| Hawaii        | 139,483,884   | 143,854,558   | 148,837,452   | 153,460,373   | 158,087,782   | 162,070,818   | 905,794,867    |
| Idaho         | 207,815,437   | 214,309,986   | 221,714,302   | 228,583,413   | 235,459,499   | 241,378,254   | 1,349,260,891  |
| Illinois      | 914,884,779   | 943,566,020   | 976,264,484   | 1,006,602,600 | 1,036,968,303 | 1,063,104,504 | 5,941,390,691  |
| Indiana       | 634,068,264   | 653,929,090   | 676,572,027   | 697,578,439   | 718,606,007   | 736,705,893   | 4,117,459,720  |
| Iowa          | 323,201,541   | 333,295,747   | 344,804,011   | 355,480,134   | 366,167,390   | 375,366,866   | 2,098,315,690  |
| Kansas        | 315,052,673   | 324,897,574   | 336,121,597   | 346,534,106   | 356,957,398   | 365,929,616   | 2,045,492,964  |
| Kentucky      | 477,098,173   | 492,032,136   | 509,058,148   | 524,852,989   | 540,664,353   | 554,274,635   | 3,097,980,434  |
| Louisiana     | 437,034,611   | 450,729,706   | 466,343,195   | 480,828,328   | 495,327,935   | 507,808,690   | 2,838,072,465  |
| Maine         | 142,229,592   | 146,672,148   | 151,736,995   | 156,435,939   | 161,139,453   | 165,188,004   | 923,402,132    |
| Maryland      | 450,078,220   | 464,180,192   | 480,257,400   | 495,173,741   | 510,103,977   | 522,954,835   | 2,922,748,365  |
| Massachusetts | 504,223,606   | 520,041,556   | 538,075,013   | 554,806,883   | 571,553,803   | 585,968,029   | 3,274,668,890  |
| Michigan      | 849,897,931   | 876,535,838   | 906,905,001   | 935,080,450   | 963,283,039   | 987,558,270   | 5,519,260,529  |
| Minnesota     | 404,509,586   | 417,156,631   | 431,575,227   | 444,952,045   | 458,342,001   | 469,867,479   | 2,626,402,968  |
|               |               |               |               |               |               |               |                |

|                |                       |                       |                       |                       |                       |                       |                        |
|----------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|
| Mississippi    | 333,427,300           | 343,850,159           | 355,733,128           | 366,756,783           | 377,792,012           | 387,291,065           | 2,164,850,448          |
| Missouri       | 634,390,519           | 654,260,299           | 676,913,474           | 697,929,188           | 718,966,265           | 737,074,447           | 4,119,534,192          |
| Montana        | 267,035,991           | 275,378,587           | 284,889,855           | 293,713,443           | 302,546,169           | 310,149,251           | 1,733,713,297          |
| Nebraska       | 209,758,947           | 216,295,289           | 223,747,252           | 230,660,562           | 237,580,895           | 243,537,740           | 1,361,580,684          |
| Nevada         | 196,132,335           | 202,261,771           | 209,249,762           | 215,733,074           | 222,222,532           | 227,808,242           | 1,273,407,716          |
| New Hampshire  | 139,401,159           | 143,760,131           | 148,729,684           | 153,340,230           | 157,955,249           | 161,927,620           | 905,114,073            |
| New Jersey     | 731,472,195           | 754,412,563           | 780,566,064           | 804,831,647           | 829,119,315           | 850,024,077           | 4,750,425,862          |
| New Mexico     | 265,954,660           | 274,259,643           | 283,728,028           | 292,511,837           | 301,304,740           | 308,873,541           | 1,726,632,450          |
| New York       | 1,394,922,755         | 1,438,734,645         | 1,488,682,964         | 1,535,026,135         | 1,581,411,056         | 1,621,335,015         | 9,060,112,571          |
| North Carolina | 770,305,088           | 794,445,544           | 821,967,639           | 847,500,331           | 873,058,973           | 895,059,203           | 5,002,336,778          |
| North Dakota   | 177,688,799           | 183,209,592           | 189,503,732           | 195,343,008           | 201,188,118           | 206,219,383           | 1,153,152,631          |
| Ohio           | 939,351,091           | 968,797,261           | 1,002,368,046         | 1,033,513,872         | 1,064,689,673         | 1,091,524,069         | 6,100,244,012          |
| Oklahoma       | 417,536,504           | 430,592,213           | 445,476,840           | 459,285,214           | 473,107,961           | 485,006,421           | 2,711,005,151          |
| Oregon         | 328,366,766           | 338,633,826           | 350,339,079           | 361,198,462           | 372,068,650           | 381,425,301           | 2,132,032,083          |
| Pennsylvania   | 1,339,361,383         | 1,381,408,050         | 1,429,344,533         | 1,473,816,998         | 1,518,333,640         | 1,556,651,859         | 8,698,916,463          |
| Rhode Island   | 160,369,817           | 165,393,284           | 171,120,425           | 176,433,733           | 181,752,293           | 186,330,291           | 1,041,399,843          |
| South Carolina | 452,676,882           | 466,858,178           | 483,026,045           | 498,025,032           | 513,039,471           | 525,963,634           | 2,939,589,243          |
| South Dakota   | 193,160,217           | 199,179,172           | 206,041,265           | 212,407,392           | 218,779,936           | 224,265,231           | 1,253,833,212          |
| Tennessee      | 609,161,056           | 628,241,893           | 649,995,609           | 670,176,878           | 690,378,664           | 707,767,850           | 3,955,721,950          |
| Texas          | 2,160,230,068         | 2,227,927,146         | 2,305,106,950         | 2,376,710,500         | 2,448,384,207         | 2,510,077,642         | 14,028,436,514         |
| Utah           | 211,715,198           | 218,334,981           | 225,882,007           | 232,883,943           | 239,892,554           | 245,925,140           | 1,374,633,823          |
| Vermont        | 123,638,645           | 127,504,470           | 131,911,788           | 136,000,786           | 140,093,680           | 143,616,594           | 802,765,964            |
| Virginia       | 692,539,565           | 714,246,274           | 738,993,571           | 761,952,854           | 784,934,650           | 804,716,336           | 4,497,383,249          |
| Washington     | 482,852,073           | 497,975,687           | 515,217,659           | 531,214,506           | 547,226,412           | 561,008,379           | 3,135,494,716          |
| West Virginia  | 303,197,468           | 312,701,884           | 323,537,739           | 333,590,058           | 343,652,875           | 352,314,850           | 1,968,994,874          |
| Wisconsin      | 535,798,894           | 552,566,346           | 571,682,592           | 589,417,183           | 607,169,657           | 622,450,456           | 3,479,085,129          |
| Wyoming        | 188,465,706           | 194,319,164           | 200,992,575           | 207,183,674           | 213,380,997           | 218,715,456           | 1,223,057,573          |
| Puerto Rico    | 106,120,474           | 109,465,673           | 113,196,350           | 116,741,415           | 120,288,554           | 123,327,510           | 689,139,977            |
| <b>Total</b>   | <b>27,726,870,953</b> | <b>28,595,508,986</b> | <b>29,585,737,956</b> | <b>30,504,514,287</b> | <b>31,424,181,725</b> | <b>32,215,770,645</b> | <b>180,052,584,551</b> |

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## **X. List of Projects FY 2006-2008**

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T  
FY 2006 THRU FY 2008  
Revision Effective Date: August 24, 2005

| PROJECT  | PHASE      | FY06 (Oct 1, 05 - Sep 30, 06) |                      |                    | FY07 (Oct 1, 06 - Sep 30, 07) |                      |                    | FY08 (Oct 1, 07 - Sep 30, 08) |                      |                    | TEA-21<br>FUND CATEGORY<br>& REMARKS |
|--|------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|  |            | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| STATEWIDE - FHWA   |            |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| S1. Bridge Inspection and Appraisal  | PLN        | 900                           | 520                  | 380                |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM                     |
| S2. Highway Planning, Statewide  | PLN        | 1,000                         | 800                  | 200                | 1,000                         | 800                  | 200                | 1,000                         | 800                  | 200                | CMAQ                                 |
| S3. Highways Research and Development Program                                | PLN        | 500                           | 400                  | 100                | 500                           | 400                  | 100                | 500                           | 400                  | 100                | STP FLEXIBLE                         |
| S4. Improvements to Intersections and Highway Facilities, Statewide          | CON        |                               |                      |                    |                               |                      |                    | 3,000                         | 2,400                | 600                | CMAQ<br>CMAQ                         |
| S5. National Recreational Trails Program                                     | CON        | 700                           | 560                  | 140                | 700                           | 560                  | 140                | 700                           | 560                  | 140                | NATIONAL RECREATIONAL TRAILS         |
| S6. Pedestrian Facilities and ADA Compliance at Various Locations, Statewide | DES<br>CON | 200<br>800                    | 160<br>640           | 40<br>160          | 200<br>800                    | 160<br>640           | 40<br>160          |                               |                      |                    | CMAQ<br>CMAQ                         |
| S7. Public Lands Highways Discretionary Projects                             | DES/CON    | 4,000                         | 4,000                |                    | 4,000                         | 4,000                |                    | 4,000                         | 4,000                |                    | PUBLIC LANDS DISCRETIONARY           |
| S8. Statewide Highway Landscape Masterplan                                   | PLN        | 750                           | 600                  | 150                |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
| S9. Technology Transfer and Technical Assistance Program                     | PLN        | 500                           | 400                  | 100                | 500                           | 400                  | 100                | 500                           | 400                  | 100                | STP FLEXIBLE                         |
| S10. Traffic Counting Station, Various Locations                             | CON        | 1,000                         | 800                  | 200                |                               |                      |                    |                               |                      |                    | CMAQ                                 |
| S11. Traffic Signal Modernization at Various Locations, Statewide            | CON        | 2,000                         | 1,600                | 400                |                               |                      |                    |                               |                      |                    | CMAQ                                 |
| S12. Upgrade Highway Accounting System (HWYAC)                               | PLN        |                               |                      |                    | 1,770                         | 1,420                | 350                | 3,875                         | 3,100                | 775                | STP FLEXIBLE                         |
| S13. Van Pool Program  | CON        | 200                           | 190                  | 10                 | 200                           | 190                  | 10                 | 200                           | 190                  | 10                 | CMAQ                                 |
|  |            |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| STATEWIDE - FHWA TOTAL   |            | 12,550                        | 10,670               | 1,880              | 9,670                         | 8,570                | 1,100              | 13,775                        | 11,850               | 1,925              |                                      |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T  
FY 2006 THRU FY 2008  
Revision Effective Date: August 24, 2005

| PROJECT   | PHASE | FY06 (Oct 1, 05 - Sep 30, 06) |                      |                    | FY07 (Oct 1, 06 - Sep 30, 07) |                      |                    | FY08 (Oct 1, 07 - Sep 30, 08) |                      |                    | TEA-21<br>FUND CATEGORY<br>& REMARKS |
|---|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|   |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| STATEWIDE - FTA   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| S14. Elderly and Persons with Disabilities Program                | EQP   | 625                           | 500                  | 125                | 645                           | 515                  | 130                | 665                           | 530                  | 135                | 49 USC 5310                          |
|   | ADM   | 10                            | 8                    | 2                  |                               |                      |                    |                               |                      |                    | 49 USC 5310                          |
| S15. Non-Urbanized Area Formula                                   | ADM   | 162                           | 162                  |                    | 165                           | 165                  |                    | 171                           | 171                  |                    | 49 USC 5311                          |
| S16. Non-Urbanized Area Formula, Rural Transit Assistance Program | ADM   | 75                            | 75                   |                    | 77                            | 77                   |                    | 80                            | 80                   |                    | 49 USC 5311 (b)(2)                   |
| STATEWIDE - FTA TOTAL   |       | 872                           | 745                  | 127                | 887                           | 757                  | 130                | 916                           | 781                  | 135                |                                      |

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|---|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|   |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| OAHU : STATE - FHWA   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| OS1. Farrington Highway, Bridge Rehabilitation<br>Kaupuni Stream Bridge   | DES   |                               |                      |                    | 1,500                         | 1,200                | 300                |                               |                      |                    | BRIDGE ON-SYSTEM                     |
|   | ROW   |                               |                      |                    |                               |                      |                    | 500                           | 400                  | 100                | BRIDGE ON-SYSTEM                     |
| OS2. Farrington Highway, Bridge Replacement<br>Maipalaoa Bridge   | ROW   |                               |                      |                    | 350                           | 280                  | 70                 |                               |                      |                    | BRIDGE ON-SYSTEM                     |
|   | CON   |                               |                      |                    |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM                     |
| OS3. Farrington Highway, Bridge Replacement<br>Makaha Bridged #3 & #3A  | ROW   | 1,000                         | 800                  | 200                |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM                     |
|   | CON   |                               |                      |                    |                               |                      |                    | 12,000                        | 9,600                | 2,400              | BRIDGE ON-SYSTEM                     |
| OS4. Farrington Highway Intersection Improvements<br>at Haleakala Avenue  | CON   |                               |                      |                    |                               |                      |                    | 1,500                         | 1,200                | 300                | STP OPTIONAL SAFETY                  |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |
| OS5. Farrington Highway Intersection Improvements<br>at Luaiualei Homestead Road  | CON   |                               |                      |                    |                               |                      |                    | 500                           | 400                  | 100                | STP OPTIONAL SAFETY                  |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |
| OS6. Farrington Highway Intersection Improvements<br>at Nanakuli Avenue   | CON   |                               |                      |                    |                               |                      |                    | 1,500                         | 1,200                | 300                | STP OPTIONAL SAFETY                  |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |
| OS7. Fort Barrette Road Widening,<br>Farrington Highway to Barber's Point Gate  | ROW   |                               |                      |                    | 200                           | 160                  | 40                 |                               |                      |                    | MINIMUM GUARANTEE                    |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | MINIMUM GUARANTEE                    |
| OS8. Freeway Management System, Interstate H-1, H-2, and<br>Moanalua Freeway<br>Phase 1A<br>Phase 1B<br>Phase 1C            | DES   | 2,000                         | 1,600                | 400                | 1,500                         | 1,200                | 300                | 1,500                         | 1,200                | 300                | INTERSTATE MAINTENANCE               |
|   | CON   | 2,000                         | 1,600                | 400                |                               |                      |                    |                               |                      |                    | INTERSTATE MAINTENANCE               |
|   | CON   |                               |                      |                    |                               |                      |                    | 8,000                         | 6,400                | 1,600              | INTERSTATE MAINTENANCE               |
|   | DES   |                               |                      |                    |                               |                      |                    | 1,825                         | 1,460                | 365                | INTERSTATE MAINTENANCE               |
| OS9. Freeway Service Patrol   | CON   | 1,000                         | 900                  | 100                | 1,000                         | 900                  | 100                | 0                             | 0                    | 0                  | NHS                                  |
| OS10. Guardrail and Shoulder Improvements<br>Various Locations  | DES   |                               |                      |                    | 250                           | 200                  | 50                 |                               |                      |                    | STP OPTIONAL SAFETY                  |
|   | CON   |                               |                      |                    |                               |                      |                    | 1,000                         | 800                  | 200                | STP OPTIONAL SAFETY                  |
| OS63. Interstate Route H-1, Addition and Modification of Freeway<br>Access, Makalilo IC to Palailai IC (Kapolei IC Complex) | DES   | 2,400                         |                      | 2,400              |                               |                      |                    |                               |                      |                    | LOCAL                                |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | LOCAL                                |
| OS11. Interstate Route H-1, Deck Repair<br>Airport Viaduct, MP 15.73 to MP 18.52  | CON   | 5,300                         | 4,770                | 530                |                               |                      |                    |                               |                      |                    | INTERSTATE MAINTENANCE               |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | INTERSTATE MAINTENANCE               |
| OS12. Interstate Route H-1, Guardrail and Shoulder Improvements,<br>Middle Street to Punchbowl Street                       | CON   |                               |                      |                    | 4,000                         | 3,200                | 800                |                               |                      |                    | INTERSTATE MAINTENANCE               |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | INTERSTATE MAINTENANCE               |
| OS13. Interstate Route H-1, Highway Lighting Improvements<br>Kaimakani OP to Gulick Ave. Phase 1                            | CON   |                               |                      |                    | 6,000                         | 4,800                | 1,200              |                               |                      |                    | INTERSTATE MAINTENANCE               |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | INTERSTATE MAINTENANCE               |
| OS14. Interstate Route H-1, Lunalilo Street Off-Ramp<br>and On-Ramp   | DES   | 2,000                         | 1,600                | 400                |                               |                      |                    |                               |                      |                    | NHS                                  |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | NHS                                  |
| OS15. Interstate Route H-1, Pearl City and Waimalu Viaduct<br>Improvements, Phase 1<br>Phase 1<br>Phase 2<br>Phase 4        |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | INTERSTATE MAINTENANCE               |
|   | CON   |                               |                      |                    | 5,000                         | 4,500                | 500                |                               |                      |                    | INTERSTATE MAINTENANCE               |
|   | CON   |                               |                      |                    |                               |                      |                    | 10,000                        | 9,000                | 1,000              | INTERSTATE MAINTENANCE               |
|   | DES   |                               |                      |                    | 1,500                         | 1,350                | 150                |                               |                      |                    | INTERSTATE MAINTENANCE               |
| OS16. Interstate Route H-1, Seismic Retrofit,<br>Farrington Hwy, Makakilo Separation and Military Rd Overpass               | CON   |                               |                      |                    | 3,850                         | 3,080                | 770                |                               |                      |                    | BRIDGE ON-SYSTEM                     |

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| OS17. Interstate Route H-1, Seismic Retrofit,<br>Lunalilo-Vineyard On-Ramp  | CON        | 740                           | 592                  | 148                |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM   |
| OS18. Interstate Route H-1 Widening, Eastbound,<br>Waiiau Interchange to Halawa Interchange                                   | DES        |                               |                      |                    |                               |                      |                    | 4,000                         | 3,200                | 800                | NHS<br>NHS   |
| OS19. Interstate Route H-1 and H-2, Destination Sign<br>Upgrade/Replacement   | CON        |                               |                      |                    |                               |                      |                    | 2,500                         | 2,250                | 250                | NHS<br>NHS   |
| OS20. Interstate Route H-1, Waiawa Interchange,<br>Westbound, Additional Westbound Lane                                       | DES        |                               |                      |                    | 2,500                         | 2,000                | 500                |                               |                      |                    | INTERSTATE MAINTENANCE<br>INTERSTATE MAINTENANCE         |
| OS21. Interstate Route H-1, Waiawa Interchange,<br>Westbound, Waipahu Off-Ramp Improvements                                   | DES        |                               |                      |                    | 3,000                         | 2,400                | 600                |                               |                      |                    | INTERSTATE MAINTENANCE<br>INTERSTATE MAINTENANCE         |
| OS22. Interstate Route H-2 Rehabilitation, Waipio IC On/Off Rmps,<br>Ka Uka Blvd. & Meheula Pkwy Overpasses & Kipapa Strm Br. | CON        | 8,000                         | 6,400                | 1,600              |                               |                      |                    |                               |                      |                    | NHS<br>NHS   |
| OS23. Interstate Route H-3, H-3 Finish, Unit VII B  | CON        | 2,000                         | 1,800                | 200                |                               |                      |                    |                               |                      |                    | DISCRETIONARY  |
| OS24. James Campbell National Wildlife Refuge Improvements<br>(managed by FWS)  | CON        | 360                           | 360                  |                    |                               |                      |                    |                               |                      |                    | PUBLIC LANDS DISCRETIONARY<br>PUBLIC LANDS DISCRETIONARY |
| OS25. Kahakill Highway Intersection Improvements<br>In the Vicinity of Hui Iwa Street   | CON        |                               |                      |                    | 3,300                         | 2,640                | 660                |                               |                      |                    | NHS<br>NHS   |
| OS26. Kalaheo Roadway Improvements,<br>Vicinity of Barber's Point Naval Air Station   | DES        |                               |                      |                    | 3,300                         | 2,640                | 660                |                               |                      |                    | STP FLEXIBLE<br>STP FLEXIBLE                             |
| OS27. Kalaheo Highway Improvements<br>In the Vicinity of Hawaii Kai Drive to Keahole Street                                   | CON        |                               |                      |                    |                               |                      |                    | 2,800                         | 2,240                | 560                | NHS<br>NHS   |
| OS28. Kalaheo Highway Improvements,<br>Olomana Golf Course to Waimanalo Beach Park  | ROW        | 250                           | 200                  | 50                 |                               |                      |                    |                               |                      |                    | NHS<br>NHS   |
| OS29. Kalaheo Highway Improvements,<br>Retaining Wall at Makapuu  | CON        | 5,500                         | 4,400                | 1,100              |                               |                      |                    |                               |                      |                    | NHS<br>NHS   |
| OS30. Kamehameha Highway, Kaipapau Stream Bridge<br>Replacement   | ROW<br>CON | 500                           | 400                  | 100                |                               |                      |                    | 8,800                         | 7,040                | 1,760              | BRIDGE ON-SYSTEM<br>BRIDGE ON-SYSTEM                     |
| OS31. Kamehameha Highway, Kaluanui Stream Bridge<br>Replacement   | ROW        |                               |                      |                    | 600                           | 480                  | 120                |                               |                      |                    | BRIDGE ON-SYSTEM<br>BRIDGE ON-SYSTEM                     |
| OS32. Kamehameha Highway, Kawela Stream Bridge<br>Replacement   | ROW<br>CON |                               |                      |                    | 150<br>8,000                  | 120<br>6,400         | 30<br>1,600        |                               |                      |                    | BRIDGE ON-SYSTEM<br>BRIDGE ON-SYSTEM                     |
| OS33. Kamehameha Highway, North Kahana Stream Bridge<br>Replacement   | CON        | 8,900                         | 7,120                | 1,780              |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM   |
| OS34. Kamehameha Highway, South Kahana Stream Bridge<br>Replacement   | ROW        | 900                           | 720                  | 180                |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM<br>BRIDGE ON-SYSTEM                     |
| OS35. Kamehameha Highway, South Punaluu Bridge<br>Replacement   | CON        |                               |                      |                    | 15,000                        | 12,000               | 3,000              |                               |                      |                    | BRIDGE ON-SYSTEM   |
| OS36. Kamehameha Highway, Upper Poamoho Stream Bridge<br>Replacement  | ROW        | 970                           | 775                  | 195                |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM<br>BRIDGE ON-SYSTEM                     |

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|---|------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--|
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| OS37. Kamehameha Highway, Waiahole Bridge Replacement   | CON        | 9,365                         | 7,492                | 1,873              |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM<br>BRIDGE ON-SYSTEM             |
| OS38. Kamehameha Highway, Highway Lighting Improvements MP 20.7 to MP 23.8                        | CON        |                               |                      |                    | 3,100                         | 2,480                | 620                |                               |                      |                    | NHS<br>NHS                                       |
| OS39. Kamehameha Highway, In-Bound Cane Haul Road Structure Rehabilitation, Vicinity of Waipahu   | ROW<br>CON | 500                           | 400                  | 100                |                               |                      |                    | 3,500                         | 2,800                | 700                | BRIDGE ON-SYSTEM<br>BRIDGE ON-SYSTEM             |
| OS40. Kamehameha Highway Intersection Improvements at Kuilima Drive                               | CON        |                               |                      |                    | 6,000                         | 4,800                | 1,200              |                               |                      |                    | CMAQ<br>CMAQ                                     |
| OS41. Kamehameha Highway, Out-Bound Cane Haul Road Structure Rehabilitation, Vicinity of Waipahu  | ROW<br>CON | 500                           | 400                  | 100                |                               |                      |                    | 3,500                         | 2,800                | 700                | BRIDGE ON-SYSTEM<br>BRIDGE ON-SYSTEM             |
| OS42. Kamehameha Highway, Rehabilitation of Kawaihoa Stream Bridge                                | DES<br>ROW |                               |                      |                    | 600                           | 480                  | 120                | 470                           | 375                  | 95                 | BRIDGE ON-SYSTEM<br>BRIDGE ON-SYSTEM             |
| OS43. Kamehameha Highway, Rehabilitation of Laiehoa Stream Bridge                                 | ROW        |                               |                      |                    | 250                           | 200                  | 50                 |                               |                      |                    | BRIDGE ON-SYSTEM<br>BRIDGE ON-SYSTEM             |
| OS44. Kamehameha Highway, Rehabilitation of Makaua Stream Bridge                                  | DES<br>ROW |                               |                      |                    | 600                           | 480                  | 120                | 220                           | 175                  | 45                 | BRIDGE ON-SYSTEM<br>BRIDGE ON-SYSTEM             |
| OS45. Kamehameha Highway, Rehabilitation of Waikane Stream Bridge                                 | DES<br>ROW |                               |                      |                    | 600                           | 480                  | 120                | 240                           | 190                  | 50                 | BRIDGE ON-SYSTEM<br>BRIDGE ON-SYSTEM             |
| OS46. Kamehameha Highway, Rehabilitation of Waipilopilo Stream Bridge                             | ROW        |                               |                      |                    | 380                           | 305                  | 75                 |                               |                      |                    | BRIDGE ON-SYSTEM<br>BRIDGE ON-SYSTEM             |
| OS47. Kamehameha Highway Resurfacing, Interstate Route H-2 to Waihau Street                       | CON        | 3,800                         | 3,040                | 760                |                               |                      |                    |                               |                      |                    | NHS<br>NHS                                       |
| OS48. Kamehameha Highway, Rockfall Protection Vicinity of Kahuku                                  | DES        |                               |                      |                    | 1,000                         | 800                  | 200                |                               |                      |                    | STP FLEXIBLE<br>STP FLEXIBLE                     |
| OS49. Kamehameha Highway Shoreline Protection   | CON        |                               |                      |                    | 4,000                         | 3,200                | 800                |                               |                      |                    | STP OPTIONAL SAFETY                              |
| OS50. Kamehameha Highway, Shoreline Protection, Vicinity of Kawaihoa Beach                        | CON        |                               |                      |                    |                               |                      |                    | 1,300                         | 1,040                | 260                | STP OPTIONAL SAFETY<br>STP OPTIONAL SAFETY       |
| OS51. Kamehameha Highway Wetland Enhancement, Vicinity of Ukoa Pond                               | CON        |                               |                      |                    |                               |                      |                    | 5,500                         | 4,400                | 1,100              | NHS<br>NHS                                       |
| OS52. Leeward Bikeway, Phase I, Waipio Point Access Road to Hawaii Railroad Society Train Station | ROW<br>CON |                               |                      |                    | 800                           | 640                  | 160                | 4,000                         | 3,200                | 800                | STP ENHANCEMENT<br>STP ENHANCEMENT               |
| OS53. Leeward Community College, 2nd Access Improvements  | DES<br>ROW |                               |                      |                    | 1,000                         | 800                  | 200                | 500                           | 400                  | 100                | STP FLEXIBLE<br>STP FLEXIBLE                     |
| OS54. Moanalua Freeway and Interstate Route H-2 Guardrail and Shoulder Improvements               | CON        |                               |                      |                    |                               |                      |                    | 4,500                         | 4,050                | 450                | INTERSTATE MAINTENANCE<br>INTERSTATE MAINTENANCE |
| OS55. Moanalua Freeway, Highway Lighting Improvements MP 0 to 0.73                                | CON        |                               |                      |                    | 2,000                         | 1,600                | 400                |                               |                      |                    | INTERSTATE MAINTENANCE<br>INTERSTATE MAINTENANCE |
| OS56. Moanalua Freeway, Highway Lighting Improvements MP 1.12 to 4.09                             | CON        |                               |                      |                    |                               |                      |                    | 5,400                         | 4,320                | 1,080              | INTERSTATE MAINTENANCE<br>INTERSTATE MAINTENANCE |

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| OS57. Nimitz Highway Intersection Improvements at<br>Valkenburg Street   | CON   |                               |                      |                    |                               |                      |                    | 300                           | 240                  | 60                 | CMAQ<br>CMAQ                               |
| OS58. North/South Road, Vicinity of Farrington Highway<br>to Interstate Route H-1, Phase IB                            | ROW   | 4,000                         | 3,200                | 800                |                               |                      |                    |                               |                      |                    | CMAQ                                       |
|  | CON   | 33,000                        | 28,000               | 7,000              |                               |                      |                    |                               |                      |                    | CMAQ                                       |
|  | CON   | 3,000                         | 2,400                | 600                |                               |                      |                    |                               |                      |                    | HI PRIORITY                                |
| OS59. Pali Highway, Castle Junction, Rockfall Protection,<br>Kailua Bound  | DES   |                               |                      |                    | 1,000                         | 800                  | 200                |                               |                      |                    | STP OPTIONAL SAFETY<br>STP OPTIONAL SAFETY |
| OS60. Traffic Signal Modernization at Various Locations<br>on Oahu (Walalae, Nimitz, Farrington, Pali & Likelike Hwys) | CON   |                               |                      |                    | 4,500                         | 3,600                | 900                |                               |                      |                    | CMAQ<br>CMAQ                               |
| OS61. Vanpool Program, Oahu  | OPR   | 800                           | 800                  |                    | 800                           | 800                  |                    | 800                           | 800                  |                    | CMAQ                                       |
|  | OPR   | 1,122                         | 1,122                |                    | 1,122                         | 1,122                |                    | 1,122                         | 1,122                |                    | FHWA Fund x-fer from FTA Sec. 5307         |
| <b>OAHU : STATE - FHWA TOTAL</b>   |       | <b>101,907</b>                | <b>80,891</b>        | <b>21,016</b>      | <b>88,752</b>                 | <b>72,137</b>        | <b>16,615</b>      | <b>87,777</b>                 | <b>72,302</b>        | <b>15,475</b>      |  |

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| OAHU : STATE - FTA  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| OS62 Elderly & Persons with Disabilities Program<br>Vehicle Acquisition for Urban Areas | EQP   | 220                           | 176                  | 44                 |                               |                      |                    |                               |                      |                    | 49 USC 5310                          |
| OAHU : STATE - FTA TOTAL  |       | 220                           | 176                  | 44                 | 0                             | 0                    | 0                  | 0                             | 0                    | 0                  |                                      |



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| CITY & COUNTY OF HONOLULU - FHWA   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |  |
| OC1. Alapai Transit Center and Joint Traffic Management Center   | DES   |                               |                      |                    | 2,000                         | 1,600                | 400                |                               |                      |                    | CMAQ   |
|  | CON   |                               |                      |                    |                               |                      |                    | 20,000                        | 16,000               | 4,000              | CMAQ   |
|  | OPR   |                               |                      |                    |                               |                      |                    | 1,000                         | 800                  | 200                | CMAQ   |
| OC2. Bridge Inspection and Appraisal   | DES   | 350                           | 280                  | 70                 | 350                           | 280                  | 70                 | 350                           | 280                  | 70                 | BRIDGE OFF-SYSTEM  |
| OC3. Computerized Traffic Control System   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |  |
| Phase 7  | CON   | 2,000                         | 1,600                | 400                |                               |                      |                    |                               |                      |                    | STP FLEXIBLE   |
| Phase 8  | DES   | 300                           | 240                  | 60                 |                               |                      |                    |                               |                      |                    | STP FLEXIBLE   |
|  | CON   |                               |                      |                    | 2,000                         | 1,600                | 400                |                               |                      |                    | STP FLEXIBLE   |
| Phase 9  | DES   |                               |                      |                    | 300                           | 240                  | 60                 |                               |                      |                    | STP FLEXIBLE   |
|  | CON   |                               |                      |                    |                               |                      |                    | 2,000                         | 1,600                | 400                | STP FLEXIBLE   |
| Phase 10   | DES   |                               |                      |                    |                               |                      |                    | 300                           | 240                  | 60                 | STP FLEXIBLE   |
| OC4. Hihimanu Street Sidewalk Improvements   | CON   | 600                           | 600                  |                    |                               |                      |                    |                               |                      |                    | PUBLIC LANDS DISCRETIONARY   |
| OC5. Honolulu Traffic Control Center Operations  | OPR   | 980                           | 784                  | 196                | 960                           | 768                  | 192                | 1,120                         | 896                  | 224                | CMAQ   |
| OC6. Kamokila Boulevard Extension  | DES   |                               |                      |                    | 400                           | 320                  | 80                 |                               |                      |                    | STP FLEXIBLE   |
|  | CON   |                               |                      |                    |                               |                      |                    | 2,500                         | 2,000                | 500                | STP FLEXIBLE   |
| OC7. Kapolei Parkway   | DES   | 30                            | 24                   | 6                  |                               |                      |                    | 30                            | 24                   | 6                  | STP FLEXIBLE   |
|  | CON   | 12,000                        | 9,600                | 2,400              |                               |                      |                    |                               |                      |                    | STP FLEXIBLE   |
| OC8. Kapunahala Stream Flood Control Project,<br>Kaneohe, TMK: 4-5-23 & 24, Between Pookela and Keneke Streets | CON   |                               |                      |                    | 5,000                         | 4,000                | 1,000              |                               |                      |                    | Section 115<br>Section 115   |
| OC9. Makakilo Drive Extension  | PLN   | 800                           | 300                  | 500                |                               |                      |                    |                               |                      |                    | STP FLEXIBLE   |
| OC24. Salt Lake Boulevard Widening, Phase 2B   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | LOCAL \$2.5 million in FY2003 City CIP funds were encumbered<br>for Design phase |
| OC10. Seismic Bridge Retrofit  | DES   | 450                           | 360                  | 90                 | 450                           | 360                  | 90                 | 450                           | 360                  | 90                 | BRIDGE OFF-SYSTEM  |
|  | CON   | 600                           | 480                  | 120                |                               |                      |                    |                               |                      |                    | BRIDGE OFF-SYSTEM  |
| OC11. Traffic Signal Maintenance Facility  | PLN   | 50                            | 40                   | 10                 |                               |                      |                    |                               |                      |                    | STP FLEXIBLE   |
|  | DES   | 250                           | 200                  | 50                 |                               |                      |                    |                               |                      |                    | STP FLEXIBLE   |
|  | CON   |                               |                      |                    | 3,000                         | 2,400                | 600                |                               |                      |                    | STP FLEXIBLE   |
| OC12. Traffic Signal Optimization, Phase 3   | DES   | 450                           | 360                  | 90                 | 450                           | 360                  | 90                 | 450                           | 360                  | 90                 | STP FLEXIBLE   |
| OC13. Traffic Signals at Various Intersections   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |  |
| Phase 8  | CON   | 2,000                         | 1,600                | 400                |                               |                      |                    |                               |                      |                    | STP FLEXIBLE   |
| Phase 9  | DES   | 250                           | 200                  | 50                 |                               |                      |                    |                               |                      |                    | STP FLEXIBLE   |
|  | CON   |                               |                      |                    | 2,000                         | 1,600                | 400                |                               |                      |                    | STP FLEXIBLE   |
| Phase 10   | DES   |                               |                      |                    | 250                           | 200                  | 50                 |                               |                      |                    | STP FLEXIBLE   |
|  | CON   |                               |                      |                    |                               |                      |                    | 2,000                         | 1,600                | 400                | STP FLEXIBLE   |
| Phase 11   | DES   |                               |                      |                    |                               |                      |                    | 250                           | 200                  | 50                 | STP FLEXIBLE   |
| OAHU : C&C OF HONOLULU - FHWA TOTAL  |       | 21,110                        | 16,668               | 4,442              | 17,160                        | 13,728               | 3,432              | 30,450                        | 24,360               | 6,090              |  |

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|---|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|---|
|   |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |   |
| CITY & COUNTY OF HONOLULU - FTA                                 |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |   |
| OC14. Alapai Transit Center and Joint Traffic Management Center | DES   |                               |                      |                    | 500                           | 400                  | 100                |                               |                      |                    | FTA SECTION 5307                              |
|   | CON   |                               |                      |                    | 5,000                         | 4,000                | 1,000              |                               |                      |                    | FTA SECTION 5307                              |
| OC15. Bus & Handi-Van Acquisition Program                       | EQP   | 4,400                         | 3,520                | 880                | 13,400                        | 10,720               | 2,680              | 15,600                        | 12,480               | 3,120              | FTA SECTION 5309 Bus Capital                  |
|   | EQP   | 3,000                         | 2,400                | 600                |                               |                      |                    | 2,400                         | 1,920                | 480                | FTA SECTION 5309 Fixed Guideway Modernization |
|   | EQP   |                               |                      |                    | 7,200                         | 5,760                | 1,440              |                               |                      |                    | FTA SECTION 5309 New Starts                   |
| OC16. Honolulu High Capacity Transit                            | DES   |                               |                      |                    | 50,000                        | 4,437                | 45,563             | 3,736                         | 3,736                |                    | FTA SECTION 5307                              |
| OC17. Middle Street Intermodal Center                           | DES   |                               |                      |                    | 1,000                         | 800                  | 200                |                               |                      |                    | FTA SECTION 5309 Bus Capital                  |
|   | CON   |                               |                      |                    | 6,000                         | 4,800                | 1,200              | 625                           | 500                  | 125                | FTA SECTION 5309 Bus Capital                  |
|   | EQP   |                               |                      |                    | 1,000                         | 800                  | 200                |                               |                      |                    | FTA SECTION 5309 Bus Capital                  |
| OC18. Oahu Intra-Island Ferry                                   | PLN   | 200                           |                      | 200                |                               |                      |                    |                               |                      |                    | LOCAL   |
|   | PLN   |                               |                      |                    | 1,900                         | 1,520                | 380                |                               |                      |                    | FTA SECTION 5309 New Starts (Ferry)           |
|   | DES   |                               |                      |                    | 200                           | 160                  | 40                 |                               |                      |                    | FTA SECTION 5309 New Starts (Ferry)           |
|   | CON   |                               |                      |                    |                               |                      |                    | 1,250                         | 1,000                | 250                | FTA SECTION 5309 New Starts (Ferry)           |
|   | OPR   | 3,750                         | 3,000                | 750                |                               |                      |                    |                               |                      |                    | FTA SECTION 5309 New Starts (Ferry)           |
| OC19. Preventative Maintenance                                  | OPR   | 23,325                        | 18,660               | 4,665              | 27,250                        | 21,800               | 5,450              | 27,250                        | 21,800               | 5,450              | FTA SECTION 5307 Urbanized Area Formula       |
|   | OPR   | 3,925                         | 3,140                | 785                |                               |                      |                    |                               |                      |                    | FTA SECTION 5309 New Starts                   |
| OC20. Transfer to FHWA for Vanpool                              | OPR   | 1,122                         | 1,122                |                    | 1,122                         | 1,122                |                    | 1,122                         | 1,122                |                    | FTA SECTION 5307 Urbanized Area Formula       |
| OC21. Transit Radio Replacement Phase III                       | DES   | 250                           | 200                  | 50                 |                               |                      |                    |                               |                      |                    | FTA SECTION 5307 Urbanized Area Formula       |
|   | EQP   | 1,050                         | 840                  | 210                |                               |                      |                    |                               |                      |                    | FTA SECTION 5307 Urbanized Area Formula       |
| OC22. Transit Related Safety and Security Projects              | EQP   | 60                            | 40                   | 10                 | 200                           | 160                  | 40                 | 200                           | 160                  | 40                 | FTA SECTION 5307 Urbanized Area Formula       |
| OC23. Wahiawa Transit Center                                    | DES   | 500                           |                      | 500                |                               |                      |                    |                               |                      |                    | FTA SECTION 5309 Bus Capital                  |
|   | CON   | 3,929                         | 2,429                | 1,500              |                               |                      |                    |                               |                      |                    | FTA SECTION 5309 Bus Capital                  |
| OAHU : C&C OF HONOLULU - FTA TOTAL                              |       | 45,501                        | 35,351               | 10,150             | 114,772                       | 56,479               | 58,293             | 52,183                        | 42,718               | 9,465              |   |

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|---|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--|
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| <b>HAWAII : STATE - FHWA</b>  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |  |
| HS1. Akoni-Pule Highway Bicycle Improvements,<br>Mahukona Wharf Access Road to Hawi Road                | DES   | 240                           | 190                  | 50                 |                               |                      |                    |                               |                      |                    | CMAQ<br>CMAQ   |
| HS2. Crater Rim Road Improvements and<br>Improvements to Hawaii Volcano National Park (NPS)             | DES   | 350                           | 350                  |                    |                               |                      |                    |                               |                      |                    | PUBLIC LANDS DISCRETIONARY<br>PUBLIC LANDS DISCRETIONARY |
| HS3. Guardrail and Shoulder Improvements,<br>Various Locations  | DES   |                               |                      |                    |                               |                      |                    | 100                           | 80                   | 20                 | STP FLEXIBLE<br>STP FLEXIBLE                             |
| HS4. Hawaii Belt Road, Clean and Paint Steel Members<br>Kukalau, Kuwaikahi, Ninole and Maulua Bridges   | CON   |                               |                      |                    | 5,000                         | 4,000                | 1,000              |                               |                      |                    | NHS<br>NHS   |
| HS5. Hawaii Belt Road Drainage Improvements,<br>Vicinity of Hakalau Bridge                              | CON   |                               |                      |                    |                               |                      |                    | 1,500                         | 1,200                | 300                | STP FLEXIBLE<br>STP FLEXIBLE                             |
| HS6. Hawaii Belt Road, Guardrail and Shoulder Improvements<br>Kalopa Towards Waipunahina Bridge         | DES   |                               |                      |                    | 100                           | 80                   | 20                 |                               |                      |                    | STP FLEXIBLE<br>STP FLEXIBLE                             |
| HS7. Hawaii Belt Road, Guardrail and Shoulder Improvements<br>Kawaiilili Bridge Towards Kalopa          | DES   |                               |                      |                    | 100                           | 80                   | 20                 |                               |                      |                    | NHS<br>NHS   |
| HS8. Hawaii Belt Road, Guardrail and Shoulder Improvements,<br>Pakalana Street to Paauhau Road          | CON   |                               |                      |                    | 1,400                         | 1,120                | 280                |                               |                      |                    | NHS<br>NHS   |
| HS9. Hawaii Belt Road, Guardrail and Shoulder Improvements,<br>Paauhau Road to Papalele Road            | CON   | 1,400                         | 1,120                | 280                |                               |                      |                    |                               |                      |                    | NHS<br>NHS   |
| HS10. Hawaii Belt Road, Guardrail and Shoulder Improvements<br>Waipunahina Bridge Towards Kawaii Bridge | DES   |                               |                      |                    |                               |                      |                    | 100                           | 80                   | 20                 | NHS<br>NHS   |
| HS11. Hawaii Belt Road, Halaulani Bridge Removal  | CON   | 1,300                         | 1,040                | 260                |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM   |
| HS12. Hawaii Belt Road, Mud Lane to<br>The Kamuela Race Track (Waimea Bypass)                           | DES   |                               |                      |                    |                               |                      |                    | 1,500                         | 1,200                | 300                | NHS<br>NHS   |
| HS13. Hawaii Belt Road, Rockfall Protection at Various Sections,<br>Phase I                             | CON   | 10,000                        | 8,000                | 2,000              |                               |                      |                    |                               |                      |                    | NHS<br>NHS   |
| HS14. Hawaii Belt Road - Seismic Retrofit, Vicinity of Hilo, Phase 2                                    | CON   | 1,100                         | 880                  | 220                |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM   |
| HS15. Hawaii Belt Road, Seismic Retrofit,<br>Vicinity of Laupahoehoe, Phase II                          | CON   | 1,260                         | 1,008                | 252                |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM<br>BRIDGE ON-SYSTEM                     |
| HS16. Hawaii Belt Road - Seismic Retrofit, Vicinity of Papaikou,<br>Hakalau Bridge                      |       |                               |                      |                    | 1,000                         | 800                  | 200                |                               |                      |                    | BRIDGE ON-SYSTEM<br>BRIDGE ON-SYSTEM                     |

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|--|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
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| HS17. Kanoelehua Avenue, Inbound Widening,<br>Kamehameha Avenue to Puainako Street                   | DES   |                               |                      |                    |                               |                      |                    | 350                           | 280                  | 70                 | CMAQ                                 |
|  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | CMAQ                                 |
| HS18. Kawaihae Road, Waiaka Stream Bridge<br>Replacement and Realignment of Approaches               | ROW   |                               |                      |                    | 100                           | 80                   | 20                 | 3,500                         | 2,800                | 700                | NHS                                  |
|  | CON   |                               |                      |                    |                               |                      |                    |                               |                      |                    | NHS                                  |
| HS19. Keaau-Pahoa Road Shoulder Lane Conversion, from Keaau Bypass<br>to Shower Drive                | ROW   | 300                           | 240                  | 60                 |                               |                      |                    |                               |                      |                    | MINIMUM GUARANTEE                    |
|  | CON   |                               |                      |                    | 6,600                         | 5,280                | 1,320              |                               |                      |                    | MINIMUM GUARANTEE                    |
| HS20. Kealahou Parkway Extension, Keanalehu Drive<br>to Kealahou Street                              | DES   | 500                           | 400                  | 100                |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
|  | ROW   |                               |                      |                    |                               |                      |                    | 1,000                         | 800                  | 200                | STP FLEXIBLE                         |
| HS21. Mamalahou Highway Drainage Improvements at<br>Kawa   | CON   |                               |                      |                    |                               |                      |                    | 5,000                         | 4,000                | 1,000              | STP OPTIONAL SAFETY                  |
|  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |
| HS22. Mamalahou Highway Safety Improvements in the<br>Vicinity of C. Q. Yee Hop Ranch                | CON   |                               |                      |                    |                               |                      |                    | 200                           | 160                  | 40                 | STP OPTIONAL SAFETY                  |
|  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |
| HS23. Mamalahou Highway Safety Improvements in the<br>Vicinity of Puuwaawaa Ranch Road               | CON   |                               |                      |                    | 1,500                         | 1,200                | 300                |                               |                      |                    | STP OPTIONAL SAFETY                  |
|  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |
| HS24. Puainako Street Widening,<br>Kamohana to Kawai, Phase 1  | ROW   |                               |                      |                    |                               |                      |                    | 5,000                         | 4,000                | 1,000              | MINIMUM GUARANTEE                    |
|  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | MINIMUM GUARANTEE                    |
| HS25. Queen Kaahumanu Highway Widening, Kealahou Parkway to<br>Keahole Airport Access Road, Phase II | CON   |                               |                      |                    | 30,000                        | 24,000               | 6,000              |                               |                      |                    | CMAQ                                 |
|  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | CMAQ                                 |
| HS26. Route PLH 10(1), Honokohau Harbor Access Road (CFL): 3R  | CON   | 400                           | 400                  |                    |                               |                      |                    |                               |                      |                    | PUBLIC LANDS DISCRETIONARY FUNDS     |
| HS27. Saddle Road Extension  | DES   |                               |                      |                    |                               |                      |                    | 3,000                         | 2,400                | 600                | MINIMUM GUARANTEE                    |

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|---|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|---|
|   |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |   |
| HS28: Saddle Road Improvements, Kaumana (MP 6) to Mamalahoa Hwy (MP 53.5) |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |   |
| Phase 1C: PTA Paving (MP 28 to 35)  | CON   | 16,000                        | 16,000               |                    |                               |                      |                    |                               |                      |                    | DISCRETIONARY (Defense Access Road Funds) |
| Phase 2A: East Side Grade and Pave (MP 24 to 28)                          | CON   | 6,205                         | 6,205                |                    |                               |                      |                    |                               |                      |                    | DISCRETIONARY (Earmarked)                 |
| Phase 1D: PTA Western Half (Grade MP 35 to 37 & MP 40 to 42)              | DES   | 150                           | 150                  |                    |                               |                      |                    |                               |                      |                    | DISCRETIONARY (Defense Access Road Funds) |
|   | CON   | 15,000                        | 15,000               |                    |                               |                      |                    |                               |                      |                    | DISCRETIONARY (Defense Access Road Funds) |
| Phase 1E: PTA Western Half (Pave MP 35 to 42)                             | DES   |                               |                      |                    | 50                            | 50                   |                    |                               |                      |                    | DISCRETIONARY (Defense Access Road Funds) |
|   | CON   |                               |                      |                    | 16,000                        | 16,000               |                    |                               |                      |                    | DISCRETIONARY (Defense Access Road Funds) |
| Phase 2A/2B: East Side Grade and Pave (MP 19 to 28)                       | CON   | 5,000                         | 5,000                |                    |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                              |
| Phase 2C: East Side Grade and Pave (MP 9 to 19)                           | ROW   |                               |                      |                    | 500                           | 500                  |                    |                               |                      |                    | DISCRETIONARY (Earmarked)                 |
|   | DES   | 1,000                         | 1,000                |                    | 250                           | 250                  |                    |                               |                      |                    | DISCRETIONARY (Earmarked)                 |
|   | CON   |                               |                      |                    | 16,250                        | 16,250               |                    |                               |                      |                    | DISCRETIONARY (Earmarked)                 |
|   | CON   |                               |                      |                    | 5,000                         | 5,000                |                    |                               |                      |                    | STP FLEXIBLE                              |
| Phase 2D: East Side Grade and Pave (MP 6 to 9)                            | ROW   |                               |                      |                    | 500                           | 500                  |                    |                               |                      |                    | DISCRETIONARY (Earmarked)                 |
|   | DES   | 500                           | 500                  |                    | 250                           | 250                  |                    |                               |                      |                    | DISCRETIONARY (Earmarked)                 |
|   | CON   |                               |                      |                    |                               |                      |                    | 5,000                         | 5,000                |                    | DISCRETIONARY (Earmarked)                 |
|   | CON   |                               |                      |                    |                               |                      |                    | 5,000                         | 5,000                |                    | STP FLEXIBLE                              |
| HS29: Volcano Road Intersection Improvements at Kulani Road               | ROW   |                               |                      |                    | 500                           | 400                  | 100                |                               |                      |                    | STP FLEXIBLE                              |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                              |
| <b>HAWAII : STATE - FHWA TOTAL</b>  |       | <b>60,705</b>                 | <b>57,483</b>        | <b>3,222</b>       | <b>85,100</b>                 | <b>75,840</b>        | <b>9,260</b>       | <b>31,250</b>                 | <b>27,000</b>        | <b>4,250</b>       |   |

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| COUNTY OF HAWAII - FHWA  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| HC1. Bridge Inspection and Appraisal   | PLN   | 100                           | 80                   | 20                 |                               |                      |                    | 100                           | 80                   | 20                 | BRIDGE OFF-SYSTEM                    |
| HC2. Alii Drive Road Improvements Along Oneo Bay<br>From Hualalai Road to Waiua Road | DES   |                               |                      |                    | 450                           | 360                  | 90                 |                               |                      |                    | STP ENHANCEMENT                      |
|  | ROW   |                               |                      |                    | 25                            | 20                   | 5                  |                               |                      |                    | STP ENHANCEMENT                      |
| HC3. Alii Highway, Phase 1<br>Kamehameha III Road to Kuakini Highway                 | CON   |                               |                      |                    |                               |                      |                    | 30,000                        | 24,000               | 6,000              | STP FLEXIBLE                         |
|  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
| HC4. Hilo Roads Guardrail and Retaining Wall Improvements                            | ROW   | 200                           | 160                  | 40                 |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |
|  | CON   | 3,000                         | 2,400                | 600                |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |
| HC5. Kuakini Highway Widening,<br>Hualalai Road to Alii Highway                      | DES   | 50                            | 40                   | 10                 |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
|  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
| HC6. Mohouli Street Improvements,<br>Komohana Street to Kinoole Street               | DES   | 50                            | 40                   | 10                 |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
|  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
| HC7. Palani-Kealakaa Intersection and Traffic Signal Improvements                    | CON   | 5,000                         | 4,000                | 1,000              |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |
| HC8. Waimea Trails and Greenways   | DES   |                               |                      |                    | 500                           | 400                  | 100                |                               |                      |                    | STP ENHANCEMENT                      |
|  | CON   |                               |                      |                    | 750                           | 600                  | 150                |                               |                      |                    | STP ENHANCEMENT                      |
| HAWAII : COUNTY OF HAWAII - FHWA TOTAL   |       | 8,400                         | 6,720                | 1,680              | 1,725                         | 1,380                | 345                | 30,100                        | 24,080               | 6,020              |                                      |

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|---------------------------------------|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|                                       |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| COUNTY OF HAWAII - FTA                |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| HC9, Non-Urbanized Area Formula       | OPR   | 612                           | 306                  | 306                | 630                           | 315                  | 315                | 646                           | 323                  | 323                | 49 USC 5311                          |
| HAWAII : COUNTY OF HAWAII - FTA TOTAL |       | 612                           | 306                  | 306                | 630                           | 315                  | 315                | 646                           | 323                  | 323                |                                      |

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|---|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|   |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| <b>MAUI - STATE - FHWA</b>  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| MS1. Guardrail and Shoulder Improvements,<br>Various Locations                                | DES   | 100                           | 80                   | 20                 |                               |                      |                    | 100                           | 80                   | 20                 | STP FLEXIBLE                         |
| Honoapiilani Hwy. - Honokahua Str Bridge to Papanahoa Str. Bridge                             | CON   |                               |                      |                    | 1,000                         | 800                  | 200                |                               |                      |                    | STP FLEXIBLE                         |
|   | CON   | 1,500                         | 1,200                | 300                |                               |                      |                    |                               |                      |                    | NHS                                  |
| MS2. Haleakala National Park Access Road,<br>Bikeway Pull-Out Areas                           | CON   |                               |                      |                    | 300                           | 240                  | 60                 |                               |                      |                    | STP FLEXIBLE                         |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
| MS3. Hana Highway/Kaahumanu Avenue Beautification,<br>Dairy Road to Nanailoa Overpass         | CON   | 1,025                         | 820                  | 205                |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
| MS4. Hana Highway Widening, Kaahumanu Avenue to<br>Vicinity of Airport Access Road            | DES   |                               |                      |                    | 300                           | 240                  | 60                 |                               |                      |                    | CMAQ                                 |
|   | ROW   |                               |                      |                    |                               |                      |                    | 100                           | 80                   | 20                 | CMAQ                                 |
| MS5. Honoapiilani Highway, Replacement of<br>Honolua Bridge                                   | ROW   | 500                           | 400                  | 100                |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM                     |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM                     |
| MS6. Kahului Airport Access Road<br>Puunene Ave. to Hana Highway                              | DES   | 800                           | 640                  | 150                |                               |                      |                    |                               |                      |                    | NHS                                  |
|   | ROW   | 200                           | 160                  | 40                 |                               |                      |                    |                               |                      |                    | NHS                                  |
|   | CON   |                               |                      |                    | 10,000                        | 8,000                | 2,000              |                               |                      |                    | NHS                                  |
| MS7. Kahului Beach Road Lighting Improvements at<br>Kanaloa Avenue                            | CON   | 500                           | 400                  | 100                |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |
| MS8. Lahaina Bypass, Launiupoko to Lahainaluna Road, Phase IB,<br>MP 16 to MP 16.9 to MP 20.9 | DES   |                               |                      |                    | 750                           | 600                  | 150                |                               |                      |                    | CMAQ                                 |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | CMAQ                                 |
| MS9. Puunene Avenue Safety Improvements,<br>Kaahumanu Avenue to Kamehameha Avenue             | CON   |                               |                      |                    |                               |                      |                    | 500                           | 400                  | 100                | STP OPTIONAL SAFETY                  |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |



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|---|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|   |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| MS10. Puunene Avenue Widening, Wakea Avenue to Kuihelani Highway,<br>MP 0.46 to MP 1.09 | DES   |                               |                      |                    | 500                           | 400                  | 100                |                               |                      |                    | CMAQ                                 |
|   | ROW   |                               |                      |                    |                               |                      |                    | 5                             | 4                    | 1                  | CMAQ                                 |
| MS11. Rte PLH 10(2), thru Kakahaia Natural Wildlife Refuge (CFL): 3R                    | CON   | 600                           | 600                  |                    |                               |                      |                    |                               |                      |                    | PUBLIC LANDS DISCRETIONARY FUNDS     |
| MS12. Waiehu Beach Road, Rehabilitation of<br>Iao Stream Bridge                         | ROW   | 200                           | 160                  | 40                 |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM                     |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM                     |
| <b>MOLOKAI</b>  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| MS13. Kamehameha V Highway, Guardrail and Shoulder Improvements<br>MP 7.8 to 11.3       | CON   | 900                           | 720                  | 180                |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
| MS14. Kamehameha V Highway, Kawela Stream Bridge<br>Replacement                         | ROW   | 620                           | 496                  | 124                |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM                     |
|   | CON   |                               |                      |                    |                               |                      |                    | 3,150                         | 2,520                | 630                | BRIDGE ON-SYSTEM                     |
| MS15. Kamehameha V Highway, Replacement of<br>Makakupaia Stream Bridge                  | DES   | 650                           | 520                  | 130                |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM                     |
|   | ROW   |                               |                      |                    |                               |                      |                    | 475                           | 380                  | 95                 | BRIDGE ON-SYSTEM                     |
| <b>MAUI : STATE - FHWA TOTAL</b>  |       | <b>7,595</b>                  | <b>6,196</b>         | <b>1,389</b>       | <b>12,850</b>                 | <b>10,280</b>        | <b>2,570</b>       | <b>4,330</b>                  | <b>3,464</b>         | <b>866</b>         |                                      |

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|---|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|   |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| MAUI : STATE - FTA  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| MS16. Lahaina Small Boat Harbor - Ferry Pier Improvements           | DES   | 625                           | 500                  | 125                |                               |                      |                    |                               |                      |                    | 49 USC 5309                          |
|   | CON   | 5,625                         | 4,500                | 1,125              |                               |                      |                    |                               |                      |                    | 49 USC 5309                          |
| MS17. Manele Small Boat Harbor - Ferry Pier & Landside Improvements | DES   |                               |                      |                    | 625                           | 500                  | 125                |                               |                      |                    | 49 USC 5309                          |
|   | CON   |                               |                      |                    | 3,375                         | 2,700                | 675                |                               |                      |                    | 49 USC 5309                          |
| MAUI : STATE - FTA TOTAL  |       | 6,250                         | 5,000                | 1,250              | 4,000                         | 3,200                | 800                | 0                             | 0                    | 0                  |                                      |

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|--|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|  |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| COUNTY OF MAUI - FHWA  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| MC1. Alaaula Bridge Replacement  | PLN   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | ROW   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | DES   |                               |                      |                    | 200                           |                      | 200                |                               |                      |                    | LOCAL                                |
|  | CON   |                               |                      |                    |                               |                      |                    | 2,300                         | 1,600                | 700                | BRIDGE OFF-SYSTEM                    |
| MC2. Bridge Inspection and Appraisal<br>of Various Maui County Bridges | DES   | 120                           | 96                   | 24                 | 30                            | 24                   | 6                  | 30                            | 24                   | 6                  | BRIDGE OFF-SYSTEM                    |
|  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | BRIDGE OFF-SYSTEM                    |
| MC3. Hina Avenue Traffic Signal at Papa Avenue                         | PLN   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | ROW   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | DES   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | CON   |                               |                      |                    | 350                           | 240                  | 110                |                               |                      |                    | STP OPTIONAL SAFETY                  |
| MC4. Kahawaloapua Bridge Replacement                                   | ROW   | 100                           |                      | 100                |                               |                      |                    |                               |                      |                    | LOCAL                                |
|  | CON   | 2,900                         | 2,000                | 900                |                               |                      |                    |                               |                      |                    | BRIDGE OFF-SYSTEM                    |
| MC5. Kamehemeha Avenue Traffic Signal at Hina Avenue                   | ROW   | 50                            |                      | 50                 |                               |                      |                    |                               |                      |                    | LOCAL                                |
|  | CON   | 250                           | 240                  | 10                 |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |
| MC6. Keawe Street Extension  | CON   | 2,300                         | 1,600                | 700                |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
| MC7. Koukouai Bridge Modifications                                     | ROW   | 100                           |                      | 100                |                               |                      |                    |                               |                      |                    | LOCAL                                |
|  | CON   | 2,900                         | 2,000                | 900                |                               |                      |                    |                               |                      |                    | BRIDGE OFF-SYSTEM                    |
| MC8. Kulanihakai Bridge Replacement                                    | PLN   |                               |                      |                    | 100                           |                      | 100                |                               |                      |                    | LOCAL                                |
|  | ROW   |                               |                      |                    | 100                           |                      | 100                |                               |                      |                    | LOCAL                                |
|  | DES   |                               |                      |                    | 300                           |                      | 300                |                               |                      |                    | LOCAL                                |
|  | CON   |                               |                      |                    | 2,900                         | 2,000                | 900                |                               |                      |                    | BRIDGE OFF-SYSTEM                    |
| MC9. Lelekea Bridge Replacement  | PLN   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | ROW   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | DES   |                               |                      |                    | 200                           |                      | 200                |                               |                      |                    | LOCAL                                |
|  | CON   |                               |                      |                    | 2,300                         | 1,600                | 700                |                               |                      |                    | BRIDGE OFF-SYSTEM                    |
| MC10. Lono Traffic Signal Improvements at Papa Ave.                    | CON   | 250                           | 200                  | 50                 |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
| MC11. Lono Avenue Traffic Signal Upgrade at<br>Kamehameha Avenue       | ROW   | 100                           |                      | 100                |                               |                      |                    |                               |                      |                    | LOCAL                                |
|  | CON   | 500                           | 400                  | 100                |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |

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|--|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|  |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| MC12. Makawao Avenue-Makani Road Improvements,<br>Eddie Tam Gym to Kalama School | PLN   | 100                           |                      | 100                |                               |                      |                    |                               |                      |                    | LOCAL                                |
|  | ROW   | 100                           |                      | 100                |                               |                      |                    |                               |                      |                    | LOCAL                                |
|  | DES   | 400                           |                      | 400                |                               |                      |                    |                               |                      |                    | LOCAL                                |
|  | CON   |                               |                      |                    |                               |                      |                    | 2,300                         | 1,600                | 700                | STP FLEXIBLE                         |
| MC13. Mill Street Traffic Signal at Imi Kala Street                              | PLN   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | ROW   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | DES   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | CON   |                               |                      |                    |                               |                      |                    | 350                           | 240                  | 110                | STP OPTIONAL SAFETY                  |
| MC14. South Kihei Road Traffic Signal at Keonekai Road                           | PLN   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | ROW   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | DES   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | CON   |                               |                      |                    | 350                           | 240                  | 110                |                               |                      |                    | STP OPTIONAL SAFETY                  |
| MC15. Wakea Avenue Traffic Signal at Hina Avenue                                 | PLN   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | ROW   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | DES   |                               |                      |                    | 50                            |                      | 50                 |                               |                      |                    | LOCAL                                |
|  | CON   |                               |                      |                    |                               |                      |                    | 350                           | 240                  | 110                | STP OPTIONAL SAFETY                  |
| MAUI : COUNTY OF MAUI - FHWA TOTAL   |       | 10,170                        | 6,536                | 3,634              | 7,630                         | 4,104                | 3,526              | 5,330                         | 3,704                | 1,626              |                                      |

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|-----------------------------------|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|                                   |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| COUNTY OF MAUI - FTA              |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| MC16: Non-Urbanized Area Formula  | OPR   | 612                           | 306                  | 306                | 630                           | 315                  | 315                | 646                           | 323                  | 323                | 49 USC 5311                          |
| MAUI : COUNTY OF MAUI - FTA TOTAL |       | 612                           | 306                  | 306                | 630                           | 315                  | 315                | 646                           | 323                  | 323                |                                      |

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|---|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|   |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| KAUAI : STATE - FHWA  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| KS1. Guardrail and Shoulder Improvements at Various Locations, Kauai                      | DES   | 100                           | 80                   | 20                 |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
|   | CON   | 900                           | 720                  | 180                |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
| KS2. Kapule Highway Intersection Improvements at Rice Street                              | CON   | 3,500                         | 2,800                | 700                |                               |                      |                    |                               |                      |                    | CMAQ                                 |
| KS3. Kapule Highway/Rice Street/Waapa Road Improvements and Nawiliwili Bridge Replacement | ROW   |                               |                      |                    | 800                           | 640                  | 160                |                               |                      |                    | BRIDGE ON-SYSTEM                     |
|   | DES   |                               |                      |                    | 700                           | 560                  | 140                |                               |                      |                    | BRIDGE ON-SYSTEM                     |
| KS4. Kaunualii Highway Intersection Improvements at Halewili Road, Eleele                 | CON   |                               |                      |                    |                               |                      |                    | 300                           | 240                  | 60                 | STP OPTIONAL SAFETY                  |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |
| KS5. Kaunualii Highway Widening, Rice Street to Puhi Road, Phase 1A                       | CON   |                               |                      |                    | 25,250                        | 20,200               | 5,050              |                               |                      |                    | NHS                                  |
|   | CON   |                               |                      |                    | 6,250                         | 5,000                | 1,250              |                               |                      |                    | HI PRIORITY                          |
| KS6. Kaunualii Highway, Rehabilitation of Omao Bridge                                     | ROW   |                               |                      |                    | 125                           | 100                  | 25                 |                               |                      |                    | BRIDGE ON-SYSTEM                     |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM                     |
| KS7. Kuhio Highway Intersection Improvements at Malihuna Road                             | CON   |                               |                      |                    |                               |                      |                    | 500                           | 400                  | 100                | NHS                                  |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | NHS                                  |
| KS8. Kuhio Highway, Kapaia Bridge Replacement   | ROW   |                               |                      |                    | 750                           | 600                  | 150                |                               |                      |                    | BRIDGE ON-SYSTEM                     |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM                     |
| KS9. Kuhio Highway, Replacement of Waioli, Waipa and Waikoko Stream Bridges               | DES   | 1,750                         | 1,400                | 350                |                               |                      |                    |                               |                      |                    | BRIDGE ON-SYSTEM                     |
|   | ROW   |                               |                      |                    | 100                           | 80                   | 20                 | 500                           | 400                  | 100                | BRIDGE ON-SYSTEM                     |
| KS10. Kuhio Highway Widening, Wailua Bridge to Papaloa Road                               | CON   |                               |                      |                    |                               |                      |                    | 2,200                         | 1,760                | 440                | NHS                                  |
|   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | NHS                                  |
| KAUAI : STATE - FHWA TOTAL  |       | 6,250                         | 5,000                | 1,250              | 33,975                        | 27,180               | 6,795              | 3,500                         | 2,800                | 700                |                                      |

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|--|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|  |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| COUNTY OF KAUAI - FHWA   |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| KC1. ADA Priority 2 Curb Ramps & Sidewalks   | CON   | 4,000                         | 3,200                | 800                |                               |                      |                    |                               |                      |                    | CMAQ                                 |
| KC2. Ahukini to Lydgate Park Bike/Pedestrian Path  | ROW   | 500                           | 500                  |                    |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
| (Phase IV of the Lihue-Anahola Coastal Bike Path,<br>Bike Plan Hawaii, April 1994)                               | CON   | 6,250                         | 6,250                |                    |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
|  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
| KC3. Bridge Inspection and Appraisal   | DES   |                               |                      |                    | 125                           | 100                  | 25                 |                               |                      |                    | BRIDGE OFF-SYSTEM                    |
| KC4. Hardy Street Safety Improvements  | DES   | 100                           | 80                   | 20                 |                               |                      |                    |                               |                      |                    | STP OPTIONAL SAFETY                  |
| KC5. Kamalu Road Bridge  | PLN   | 200                           | 160                  | 40                 |                               |                      |                    |                               |                      |                    | BRIDGE OFF-SYSTEM                    |
| KC6. Kokee Road Improvements   | PLN   |                               |                      |                    |                               |                      |                    | 250                           | 200                  | 50                 | STP FLEXIBLE                         |
| KC7. Koloa Road Full Depth Reclamation (FDR)   | DES   |                               |                      |                    | 500                           | 400                  | 100                |                               |                      |                    | STP FLEXIBLE                         |
| KC8. Lydgate Park to Kapaa Bike/Pedestrian Path  | DES   | 300                           | 300                  |                    |                               |                      |                    |                               |                      |                    | STP ENHANCEMENT                      |
| (Phase III of the Lihue-Anahola Coastal Bike Path,<br>Bike Plan Hawaii, April 1994)                              | ROW   | 125                           | 100                  | 25                 |                               |                      |                    |                               |                      |                    | STP ENHANCEMENT                      |
|  | CON   | 3,000                         | 3,000                |                    |                               |                      |                    |                               |                      |                    | STP ENHANCEMENT                      |
| KC9. Maluhia Road Improvements   | ROW   |                               |                      |                    |                               |                      |                    | 150                           | 120                  | 30                 | STP FLEXIBLE                         |
|  | DES   |                               |                      |                    |                               |                      |                    | 700                           | 560                  | 140                | STP FLEXIBLE                         |
| KC10. Nawiliwili to Ahukini Bike/Pedestrian Path   | PLN   | 500                           | 500                  |                    |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
| (Phase VI of the Lihue-Anahola Coastal Bike Path,<br>Bike Plan Hawaii, April 1994)                               | ROW   |                               |                      |                    | 500                           | 500                  |                    |                               |                      |                    | STP FLEXIBLE                         |
|  |       |                               |                      |                    |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
| KC11. Northerly Leg of the Western Bypass Road   | PLN   |                               |                      |                    | 500                           | 400                  | 100                |                               |                      |                    | STP FLEXIBLE                         |
| KC12. Resurfacing of Olohena Road (Collector Road)   | DES   |                               |                      |                    |                               |                      |                    | 15                            | 12                   | 3                  | STP FLEXIBLE                         |
| KC13. Resurfacing of Kokee Road (Collector Road)   | DES   | 10                            | 8                    | 2                  |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
|  | CON   | 690                           | 552                  | 138                |                               |                      |                    |                               |                      |                    | STP FLEXIBLE                         |
| KC14. Resurfacing of Puhi Rd, Kukui St, Ulu St, Waimea Rd,<br>Hanapepe Rd, Weke Rd, and Aku Rd (Collector Roads) | DES   |                               |                      |                    | 15                            | 12                   | 3                  |                               |                      |                    | STP FLEXIBLE                         |
|  | CON   |                               |                      |                    |                               |                      |                    | 490                           | 392                  | 98                 | STP FLEXIBLE                         |
| KC15. Puuopae Bridge Replacement-Kalama Stream   | PLN   |                               |                      |                    |                               |                      |                    | 20                            | 16                   | 4                  | BRIDGE OFF-SYSTEM                    |
|  | DES   |                               |                      |                    |                               |                      |                    | 130                           | 104                  | 26                 | BRIDGE OFF-SYSTEM                    |
| KAUAI : COUNTY OF KAUAI - FHWA TOTAL   |       | 15,675                        | 14,650               | 1,025              | 1,640                         | 1,412                | 228                | 1,755                         | 1,404                | 351                |                                      |

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| PROJECT                             | PHASE | FY06 (Oct 1, 05 - Sep 30, 06) |                      |                    | FY07 (Oct 1, 06 - Sep 30, 07) |                      |                    | FY08 (Oct 1, 07 - Sep 30, 08) |                      |                    | TEA-21<br>FUND CATEGORY<br>& REMARKS |
|-------------------------------------|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|                                     |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| COUNTY OF KAUAI - FTA               |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| KC16. Non-Urbanized Area Formula    | OPR   | 612                           | 306                  | 306                | 630                           | 315                  | 315                | 646                           | 323                  | 323                | 49 USC 5311                          |
| KAUAI : COUNTY OF KAUAI - FTA TOTAL |       | 612                           | 306                  | 306                | 630                           | 315                  | 315                | 646                           | 323                  | 323                |                                      |



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|------------------|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|                  |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| FTA SUMMARY      |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| STATEWIDE        |       | 872                           | 745                  | 127                | 887                           | 757                  | 130                | 916                           | 781                  | 135                |                                      |
| OAHU, STATE      |       | 220                           | 176                  | 44                 | 0                             | 0                    | 0                  | 0                             | 0                    | 0                  |                                      |
| C&C OF HONOLULU  |       | 45,501                        | 35,351               | 10,150             | 114,772                       | 56,479               | 58,293             | 52,183                        | 42,718               | 9,465              |                                      |
| COUNTY OF HAWAII |       | 612                           | 306                  | 306                | 630                           | 315                  | 315                | 646                           | 323                  | 323                |                                      |
| MAUI, STATE      |       | 6,250                         | 5,000                | 1,250              | 4,000                         | 3,200                | 800                | 0                             | 0                    | 0                  |                                      |
| COUNTY OF MAUI   |       | 612                           | 306                  | 306                | 630                           | 315                  | 315                | 646                           | 323                  | 323                |                                      |
| COUNTY OF KAUAI  |       | 612                           | 306                  | 306                | 630                           | 315                  | 315                | 646                           | 323                  | 323                |                                      |
| FTA TOTAL        |       | 54,679                        | 42,190               | 12,489             | 121,549                       | 61,381               | 60,168             | 55,037                        | 44,468               | 10,569             |                                      |

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|-----------------------------|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|                             |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| <b>FHWA SUMMARY</b>         |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| <b>STATEWIDE</b>            |       | 12,550                        | 10,670               | 1,880              | 9,670                         | 8,570                | 1,100              | 13,775                        | 11,850               | 1,925              |                                      |
| Oahu - State                |       | 101,907                       | 80,891               | 21,016             | 88,752                        | 72,137               | 16,615             | 87,777                        | 72,302               | 15,475             |                                      |
| City and County of Honolulu |       | 21,110                        | 16,668               | 4,442              | 17,160                        | 13,728               | 3,432              | 30,450                        | 24,360               | 6,090              |                                      |
| <b>ISLAND OF OAHU</b>       |       | 123,017                       | 97,559               | 25,458             | 105,912                       | 85,865               | 20,047             | 118,227                       | 96,662               | 21,565             |                                      |
| Hawaii - State              |       | 60,705                        | 57,483               | 3,222              | 85,100                        | 75,840               | 9,260              | 31,250                        | 27,000               | 4,250              |                                      |
| County of Hawaii            |       | 8,400                         | 6,720                | 1,680              | 1,725                         | 1,380                | 345                | 30,100                        | 24,080               | 6,020              |                                      |
| <b>ISLAND OF HAWAII</b>     |       | 69,105                        | 64,203               | 4,902              | 86,825                        | 77,220               | 9,605              | 61,350                        | 51,080               | 10,270             |                                      |
| Maui - State                |       | 7,595                         | 6,196                | 1,389              | 12,850                        | 10,280               | 2,570              | 4,330                         | 3,464                | 866                |                                      |
| County of Maui              |       | 10,170                        | 6,536                | 3,634              | 7,630                         | 4,104                | 3,526              | 5,330                         | 3,704                | 1,626              |                                      |
| <b>ISLAND OF MAUI</b>       |       | 17,765                        | 12,732               | 5,023              | 20,480                        | 14,384               | 6,096              | 9,660                         | 7,168                | 2,492              |                                      |
| Kauai - State               |       | 6,250                         | 5,000                | 1,250              | 33,975                        | 27,180               | 6,795              | 3,500                         | 2,800                | 700                |                                      |
| County of Kauai             |       | 15,675                        | 14,650               | 1,025              | 1,640                         | 1,412                | 228                | 1,755                         | 1,404                | 351                |                                      |
| <b>ISLAND OF KAUAI</b>      |       | 21,925                        | 19,650               | 2,275              | 35,615                        | 28,592               | 7,023              | 5,255                         | 4,204                | 1,051              |                                      |
| <b>FHWA TOTAL</b>           |       | 244,362                       | 204,814              | 39,538             | 258,502                       | 214,631              | 43,871             | 208,267                       | 170,964              | 37,303             |                                      |

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|---|-------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|--------------------------------------|
|   |       | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) | TOTAL<br>(x\$1000)            | FEDERAL<br>(x\$1000) | LOCAL<br>(x\$1000) |                                      |
| FUNDING CATEGORY                          |       |                               |                      |                    |                               |                      |                    |                               |                      |                    |                                      |
| IM  |       |                               | 7,970                |                    |                               | 21,050               |                    |                               | 24,970               |                    |                                      |
| NHS                                       |       |                               | 27,660               |                    |                               | 39,500               |                    |                               | 18,330               |                    |                                      |
| BRIDGE OFF-SYSTEM                         |       |                               | 5,456                |                    |                               | 4,364                |                    |                               | 2,464                |                    |                                      |
| BRIDGE ON-SYSTEM                          |       |                               | 25,123               |                    |                               | 28,285               |                    |                               | 26,680               |                    |                                      |
| STP OPTIONAL SAFETY                       |       |                               | 7,680                |                    |                               | 5,880                |                    |                               | 9,920                |                    |                                      |
| STP ENHANCEMENT                           |       |                               | 3,400                |                    |                               | 2,020                |                    |                               | 3,200                |                    |                                      |
| STP FLEXIBLE                              |       |                               | 33,074               |                    |                               | 21,012               |                    |                               | 44,368               |                    |                                      |
| CMAQ                                      |       |                               | 43,164               |                    |                               | 38,598               |                    |                               | 22,490               |                    |                                      |
| DEMONSTRATION                             |       |                               | 0                    |                    |                               | 0                    |                    |                               | 0                    |                    |                                      |
| DISCRETIONARY                             |       |                               | 40,655               |                    |                               | 37,800               |                    |                               | 5,000                |                    |                                      |
| PUBLIC LANDS DISCRETIONARY                |       |                               | 6,310                |                    |                               | 4,000                |                    |                               | 4,000                |                    |                                      |
| NATIONAL RECREATIONAL TRAILS              |       |                               | 560                  |                    |                               | 560                  |                    |                               | 560                  |                    |                                      |
| HIGH PRIORITY                             |       |                               | 2,400                |                    |                               | 5,000                |                    |                               | 0                    |                    |                                      |
| LOCAL                                     |       |                               | 0                    |                    |                               | 0                    |                    |                               | 0                    |                    |                                      |
| MINIMUM GUARANTEE                         |       |                               | 240                  |                    |                               | 5,440                |                    |                               | 6,400                |                    |                                      |
| INNOVATIVE PROJECTS                       |       |                               | 0                    |                    |                               | 0                    |                    |                               | 0                    |                    |                                      |
| Sec. 149 (c) & (d) EXEMPT                 |       |                               | 0                    |                    |                               | 0                    |                    |                               | 0                    |                    |                                      |
| FUNDING RESTORATION                       |       |                               | 0                    |                    |                               | 0                    |                    |                               | 0                    |                    |                                      |
| EMERGENCY RELIEF                          |       |                               | 0                    |                    |                               | 0                    |                    |                               | 0                    |                    |                                      |
| FTA TRANSFER FUNDS                        |       |                               | 1,122                |                    |                               | 1,122                |                    |                               | 1,122                |                    |                                      |
| Advance Construction                      |       |                               | 0                    |                    |                               | 0                    |                    |                               | 0                    |                    |                                      |
| SUBTOTAL                                  |       |                               | 204,814              |                    |                               | 214,631              |                    |                               | 169,504              |                    |                                      |
| LESS DISCRETIONARY, DEMO ...ETC. PROJECTS |       |                               | (49,365)             |                    |                               | (46,800)             |                    |                               | (9,000)              |                    |                                      |
| LESS FTA TRANSFER FUNDS                   |       |                               | (1,122)              |                    |                               | (1,122)              |                    |                               | (1,122)              |                    |                                      |
| TOTAL                                     |       |                               | 154,327              |                    |                               | 166,709              |                    |                               | 159,382              |                    |                                      |

## **XI. Monitoring and Amending the Approved STIP**

## **IX. MONITORING AND AMMENDING THE APPROVED STIP**

The STIP is a dynamic document, ever changing in response to revised project schedules, scopes and cost estimates, updated administrative priorities and directives and funding and programming implications. The SDOT will monitor the approved STIP with focus on FY 2006. By early 2006 there will be a reassessment and commitment on the level of funding for the fiscal year.

1. Those projects included in the current year obligation plan that are deemed as being able to be “ready to obligate” by the end of the federal fiscal year, will continue to be part of the obligation plan. Any others will be deferred.
2. Funds that become available during the federal fiscal year will be applied to those projects in the current plant that are “ready to obligate” but require additional funding or that were deferred from the current plan because of lack of funding.
3. SDOT will monitor the status of STIP projects through the use of monthly status meetings that include all counties. Furthermore, over-the-shoulder reviews will be conducted on each county every three to four months to get face-to-face and more detailed information on the status of projects. Through these coordination efforts it is hoped that a firm grasp of project status can be obtained so that changes to the STIP, if any, can be better anticipated.
4. After the reassessment of the projects, the State will consider revising the STIP through a major amendment process, or expedited process (for minor adjustments). A major amendment will be pursued if the anticipated federal funds involved are significant; if there have been major shifts in the administrative directives; or if the projects on the approved STIP will be unable to total out obligation authority.

A major amendment to the STIP will allow the agencies to reintroduce those projects that have since cleared the eligibility issues and to introduce new project that have since become a priority.